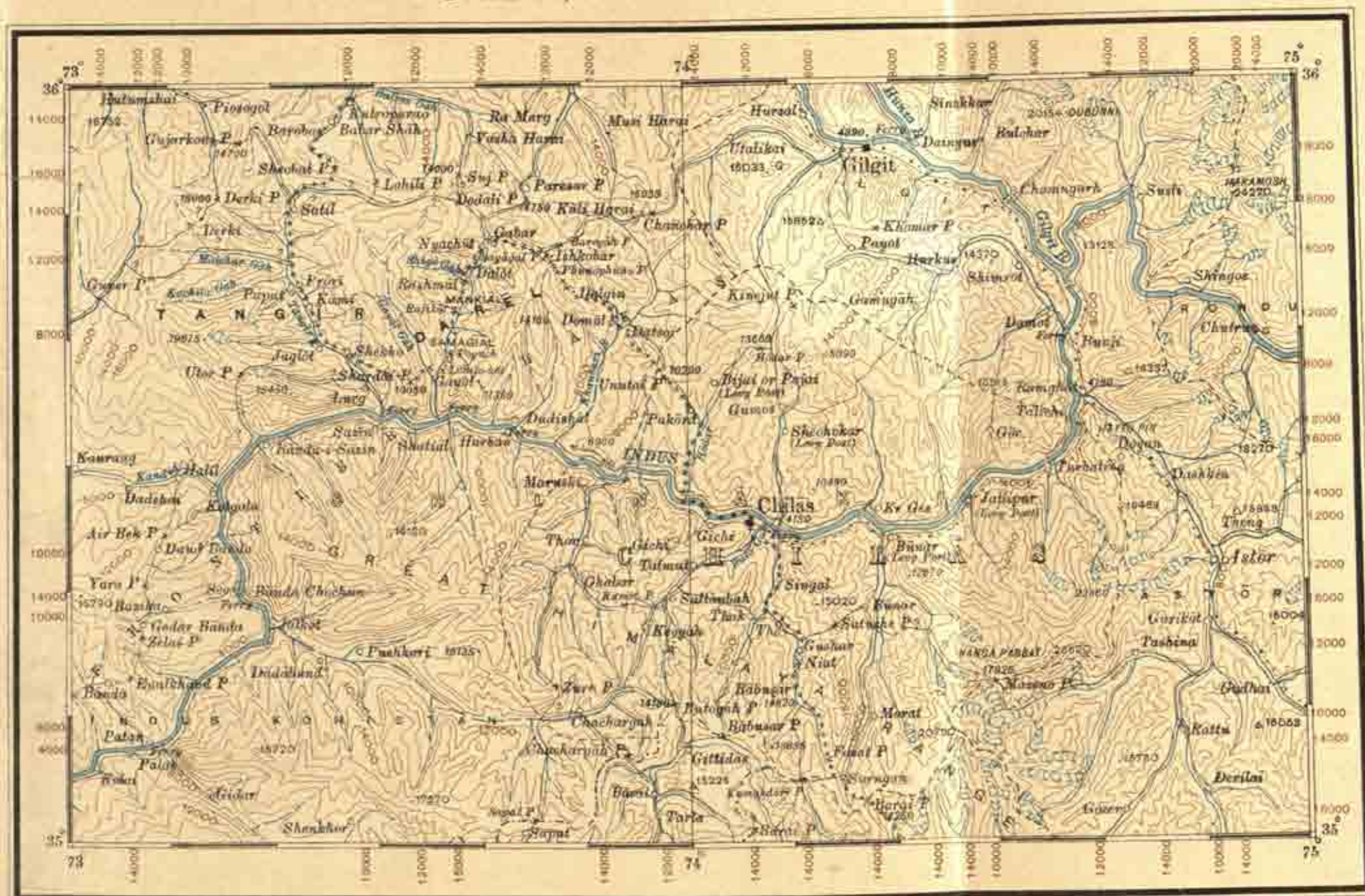


MAP TO ILLUSTRATE ROUTES
FOLLOWED BY
19150
SIR AUREL STEIN
THROUGH
CHILĀS, DARĒL AND TANGĪR



Trigonometrical heights in feet 17270

Based on Survey of India Sheets 43 E and 1

Approximate heights in feet 9999

Bridge road or foot path, with pass ————

Scale 1:780,320 or 1 inch to 12 miles
Miles 0 10 20 30

Telegraph line ————

Contours, at 2000 feet, are approximate

Routes followed by Sir Aurel Stein ————

Map No. 2587 E. 24 793



Scale 1:20,000,000
Miles 0 100 200 300
H. I. O. CALCUTTA

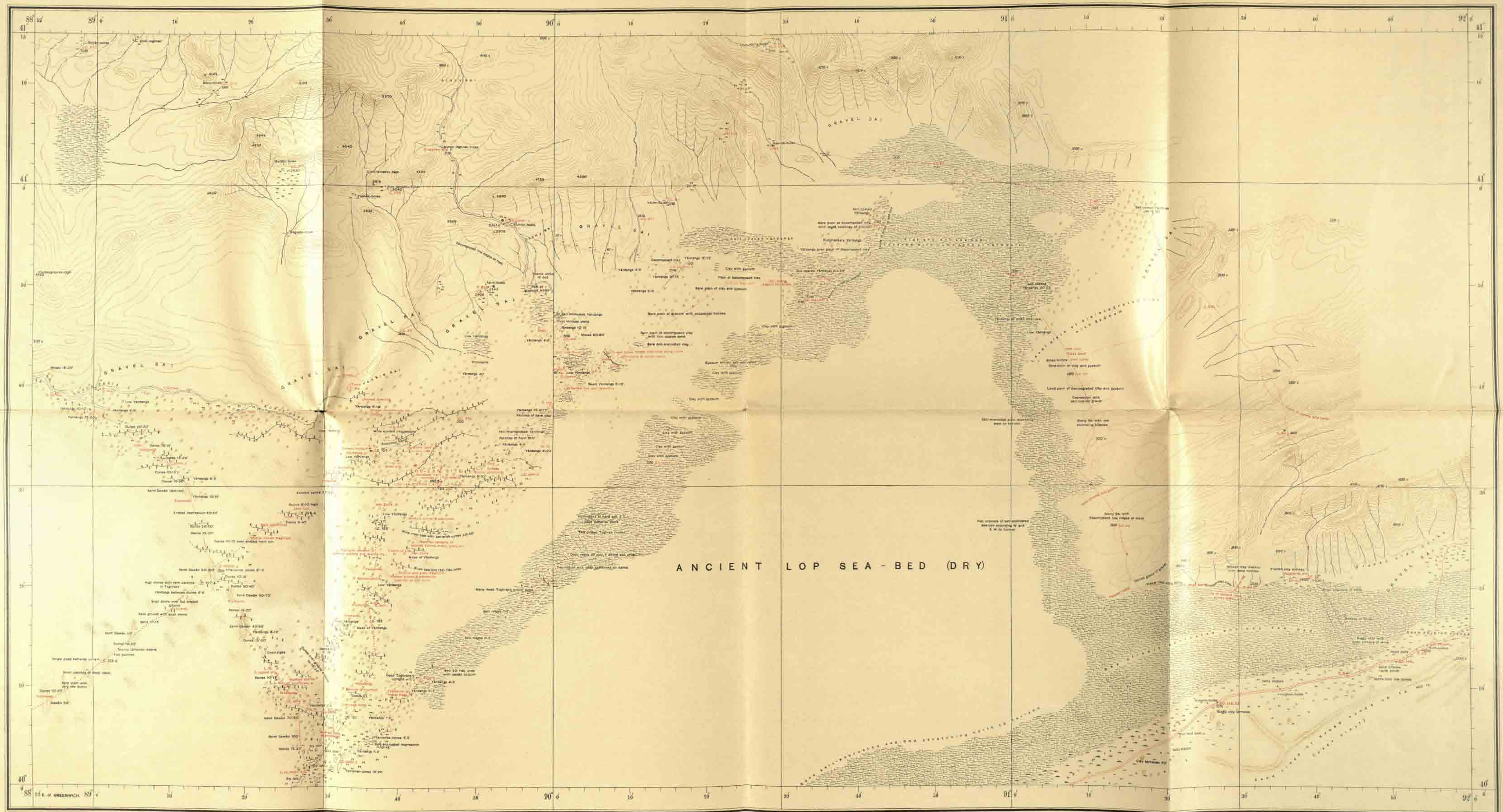
CENTRAL BOTANICAL
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Date 8-12-61
Call No. 913-5/Ste.



CATALOGUED.

MAP OF THE LOP DESERT
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K.C.I.E.
1906-7, 1914



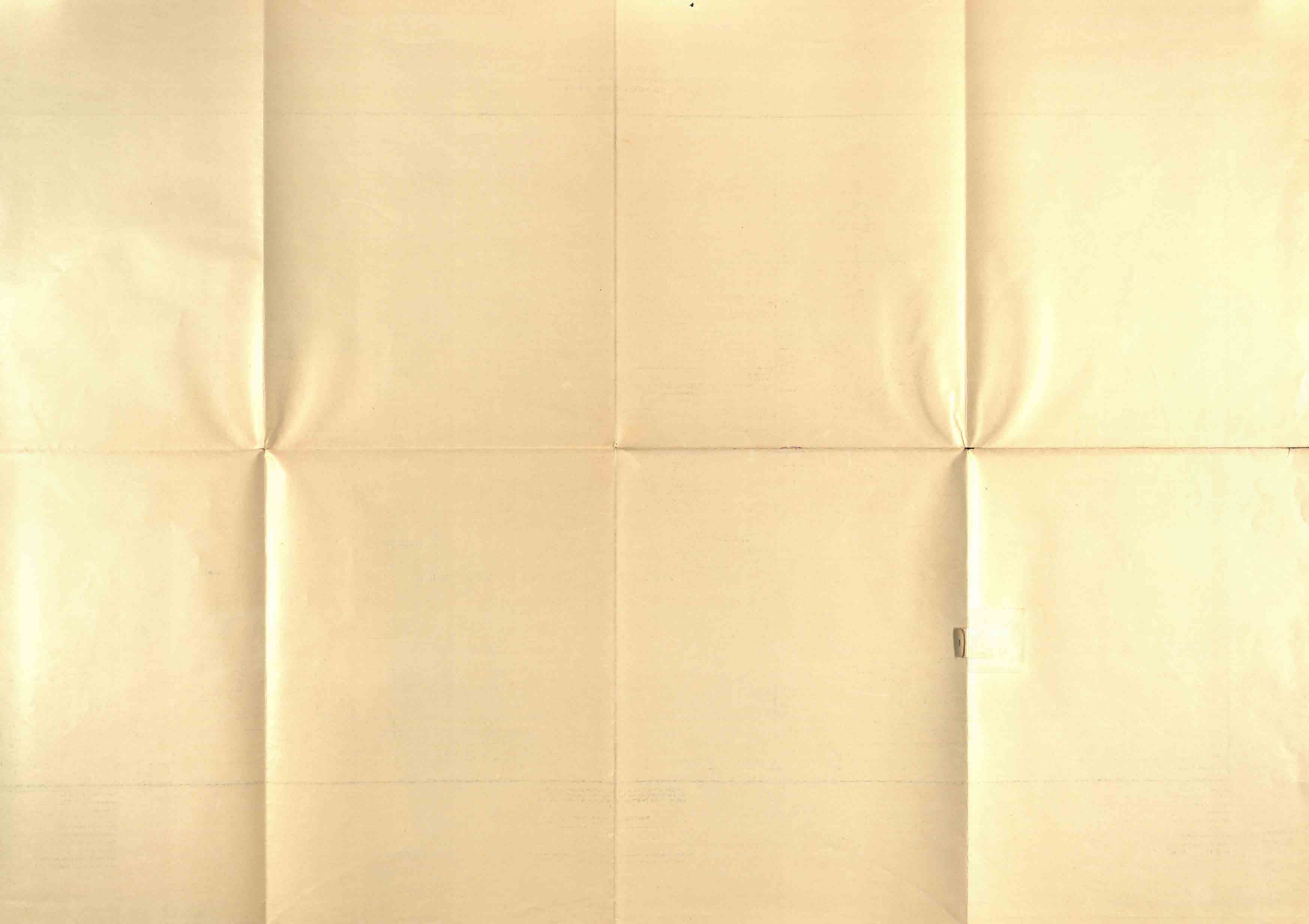
Latitude from Thungian 95° 15' N. to 95° 30' N. (approx.)
 Heights by theodolite by aneroid
 Heights by barometer
 Ortho-baric area
 Elevation of sea level
 Hard salt crust
 Soft-salt crust
 Tamarisk cover: living, dead
 Wild uncultivated (Thungian) living, dead
 Tamarisk living, dead

Enlarged, with additions and corrections, from sheets Nos. 29, 32 of the Map Series of Chinese Turkestan and Kansu, scale 1:500,000, published under the direction of the Surveyor General of India, 1926.

Scale 1:3,16,800 on 1 inch to 5 miles

For corrections to be applied to the positions and heights of triangulated points, as shown in this sheet, see the list of latitudes, longitudes, etc., in Appendix 4 to Sir A. Stein's Memoir on the Geographical History of Chinese Turkestan and Kansu.

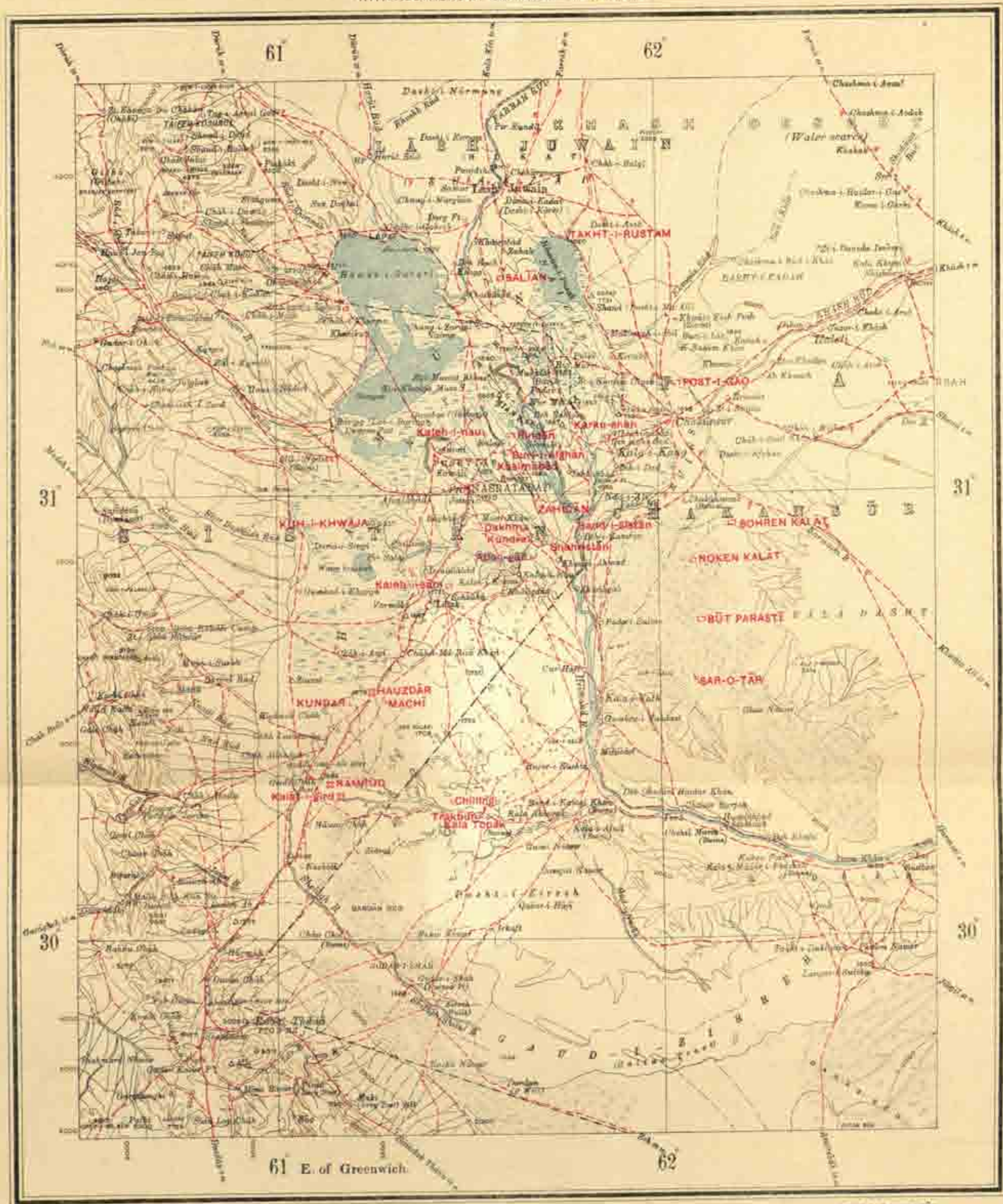
Recess or low arch, living, dead
 Spring, well
 Caravan track
 Fort, station
 Ruined dwelling, mound (9500)
 Ancient site, watch-tower, cairn
 Route with camp, 1906-07
 Route with camp, 1914
 Camp of Sir A. Stein and Aurel Stein in 1914
 Camp of R. B. Lal Singh in 1926



MAP OF PORTIONS OF

SĪSTĀN

BASED ON SHEET No. 30 OF THE SURVEY OF INDIA
WITH ADDITIONS BY SIR AUREL STEIN, K.C.I.E.



Reg. No. 542 E.D.O. 1927-750

Scale 1:500,000 or 10 1/4 inches to 16 Miles

HELD & CO. DUNDEE GTH

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

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Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

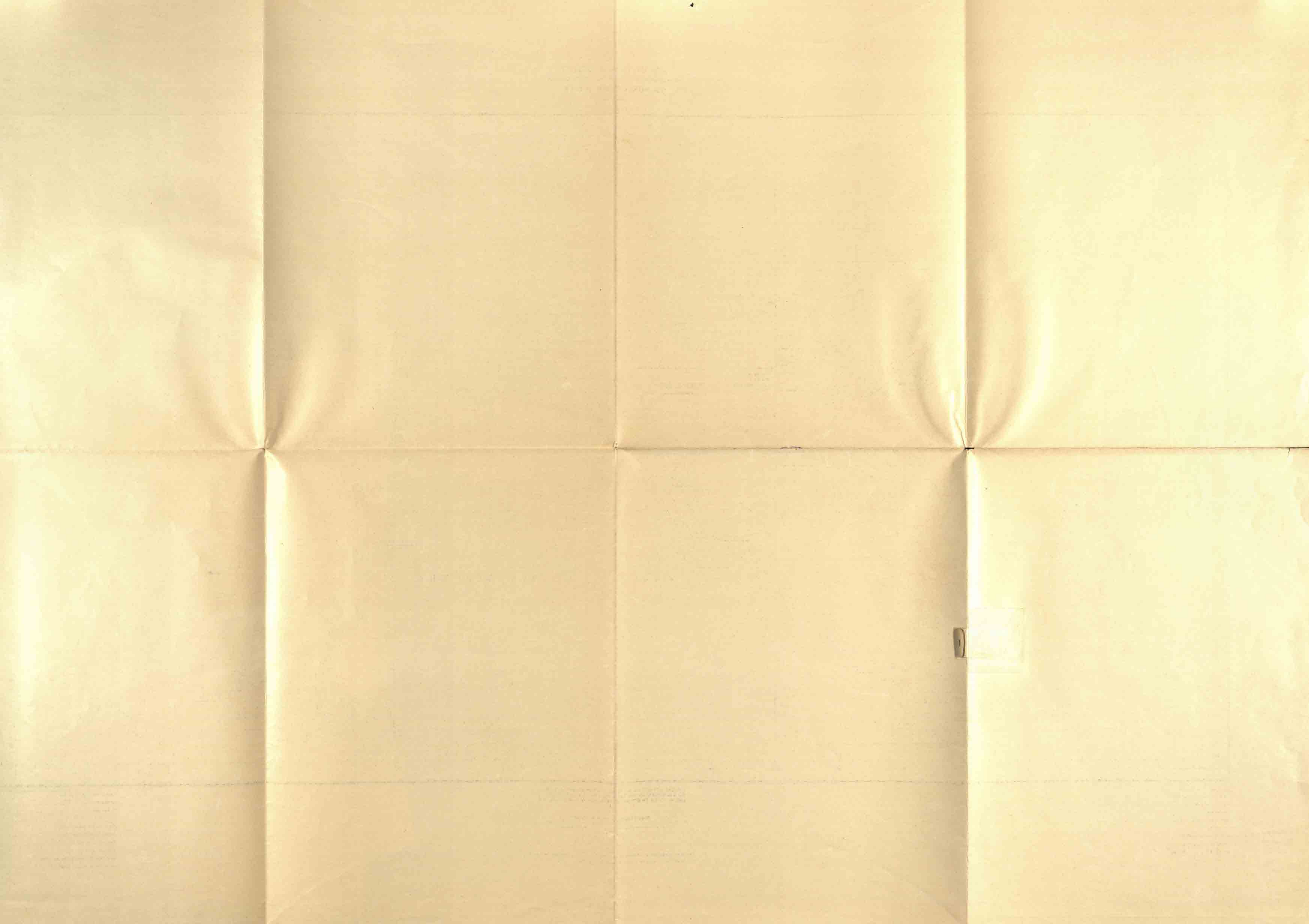
Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

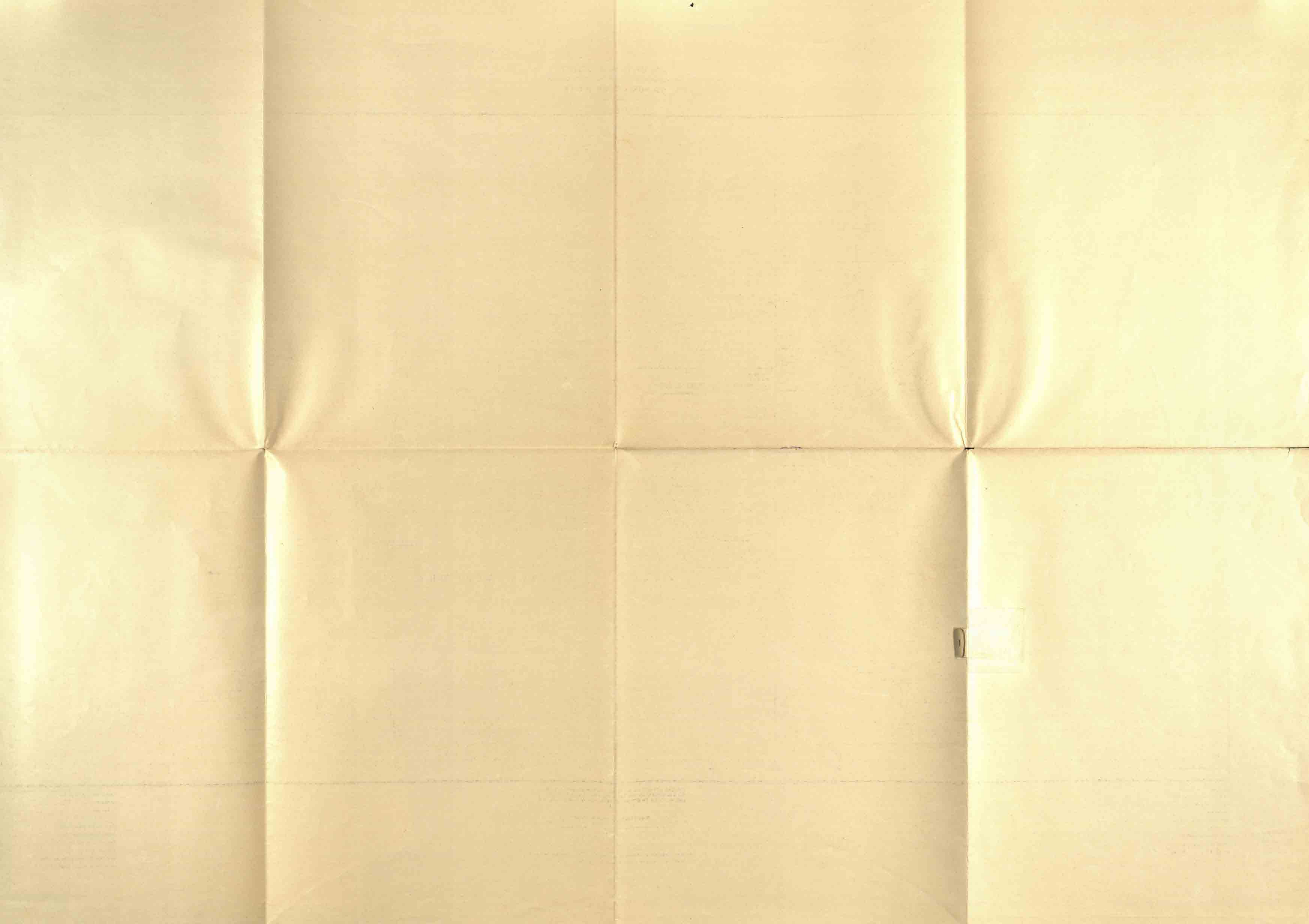
Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

Contours are indicated by lines of dots, and are shown at 1000 feet intervals.

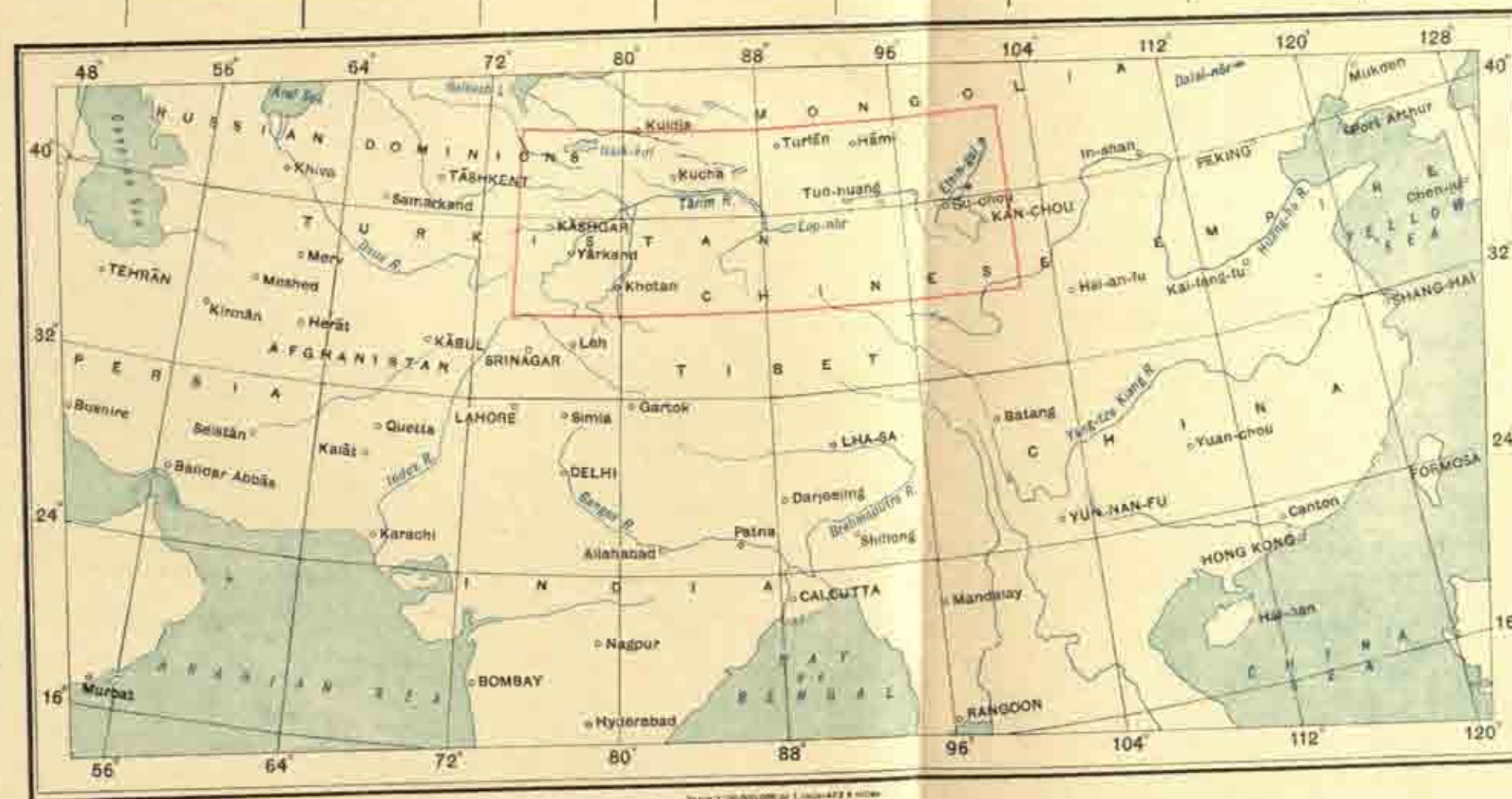




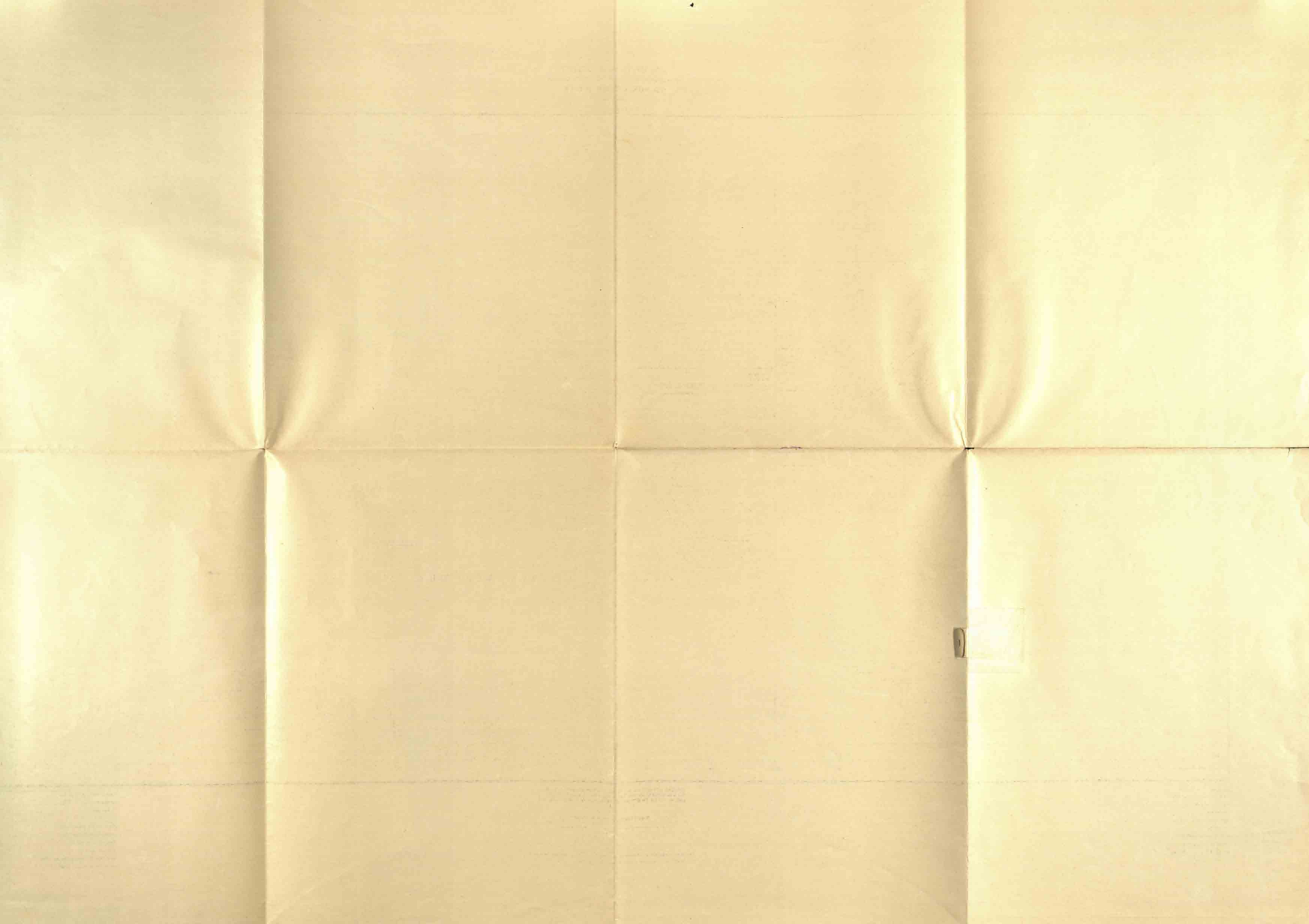
12150

INDEX
TO MAPS OF PORTIONS OF
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.
1900-01, 1906-08, 1913-15

Scale 1:3,000,000 or 47.34 Miles-1 inch



- EXPLANATION OF SYMBOLS
- Area surveyed in 1900-01... (approximate) [shaded area]
 - Area surveyed in 1906-08... (approximate) [shaded area]
 - Area surveyed in 1913-15... (approximate) [shaded area]
 - Serial Nos. of maps, scale 1:500,000 [numbered area]
 - Serial Nos. of maps (1906-08), scale 1 inch=4 miles [numbered area]
 - Glacier [line with cross-ticks]
 - Marsh [wavy line]
 - Wall or spring [line with dots]
 - Route with pass [line with cross-ticks]
 - Walled town or fort [square with cross]
 - Ancient frontier wall [dashed line]
 - Ancient site [square]



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

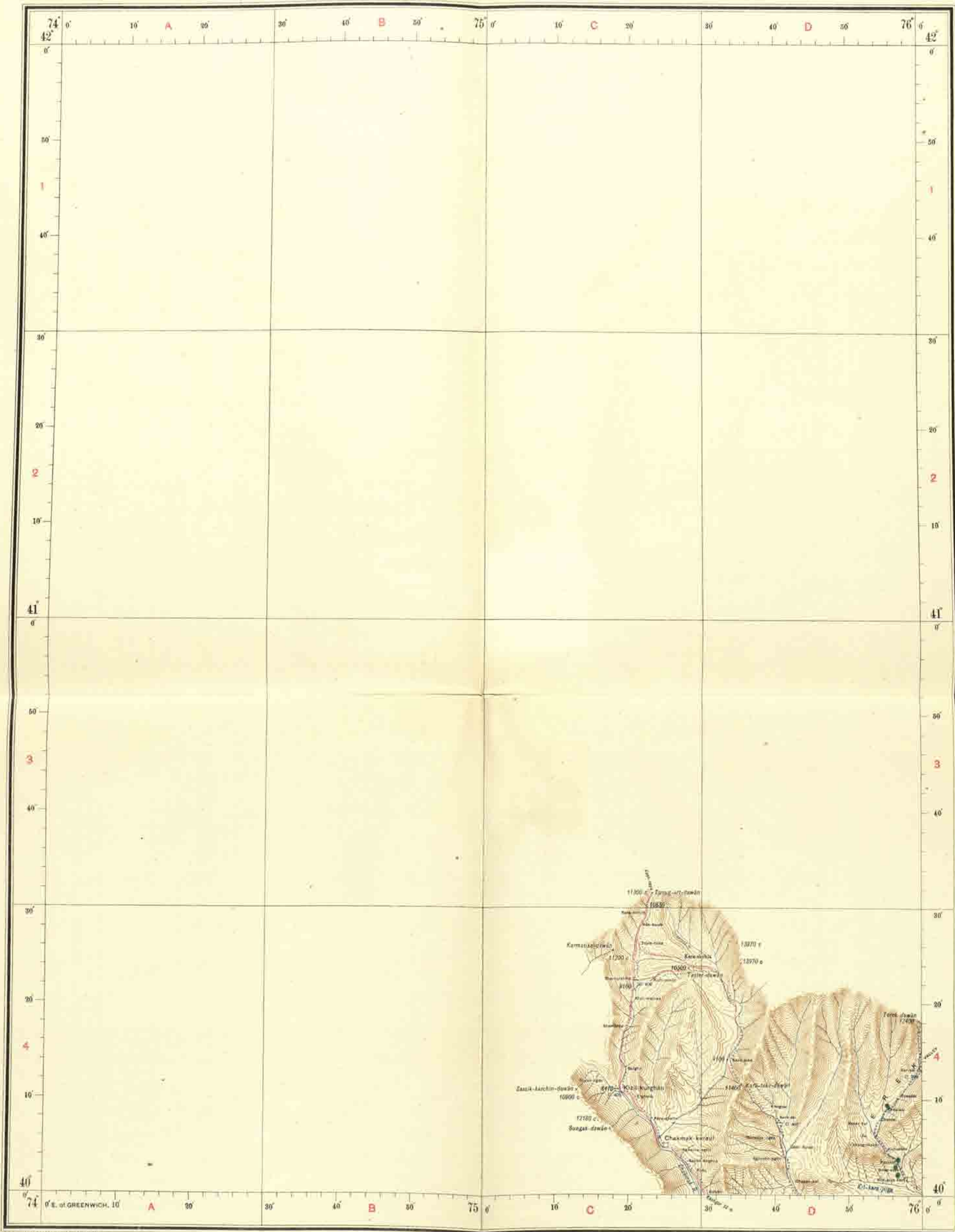
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-43

(CARTE INTERNATIONALE DU MONDE)

TURUG-ART, TEREK-DAWĀN.

SERIAL No. 1



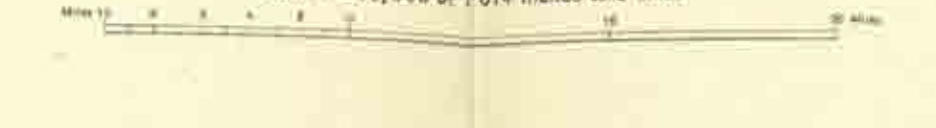
Pub. No. 11132, S. D. 1913 (2-22-24-25-26)
Latitude Sin. Azimuth Sin. Triangulation Sin.
Heights by theodolite, by altimeter 13277 12300
Heights by barometer or hypsometer 12770
Perpetual snow (approximate)
Drift sand area
Erosion terraces, Miao, Yankang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation, surveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub, living, dead
Sandy tract with scrub or jungle
Tamarisk, cones, living, dead
Wild poplars (Toshnaks), living, dead
Tamarisks, living, dead, Conifers

Index to localities



Published under the direction of Colonel Sir E. G. Barrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1919.

Scale 1: 500,000 or 1: 614 inches to 5 miles



EXPLANATION OF SOME TURKI AND CHINESE TERMS

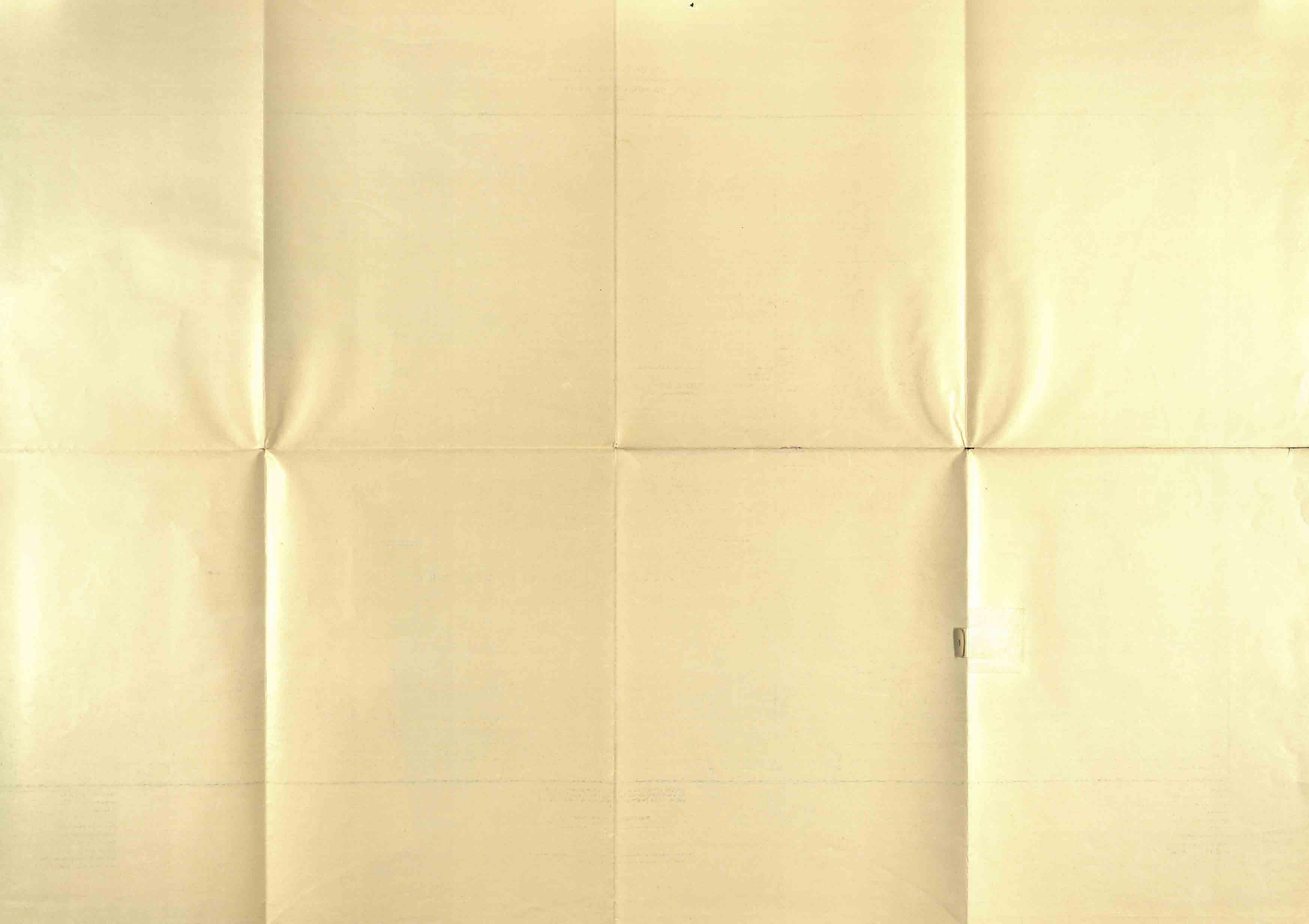
Bulak	Spring	Kul, Kol	Lake	P'ao-tzu, Pu-tzu (Chin.)	Walled village
Chap	Hill stream	Kam	Seed	Sai	Desert of stone or gravel
Darya	River	Kumush	Shady	Shan (Chin.)	Mountain
Dawān	Pass	Kumush	Tower	Ta-ta (Chin.)	Pass
Dong	Hill	Longer, Li	Red hand	Tagh	Mountain
Hu (Chin.)	River	Wasser, Mi	Saint's tomb	Toghrak	Paytor
Jila, i	Valley	Mina (Chin.)	Tomb	Ustang	Canal
Kargai	Watch station	Qipil	Shower station	Talish, Tashit	Grassland

Streams etc. which generally appear waterless shown in blue

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Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, sacred tomb
Fort, ancient, recent, Mine
Temporarily occupied hut
Frontier wall, ancient, recent
Walled town, extant, ruined, Ruined mound (Stupa)
Ancient site, watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or M. Yakub Khan in 1913-15
Camps of Sir A. Stein and Afras Gul in 1913-15
Camps of R. B. Lal Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

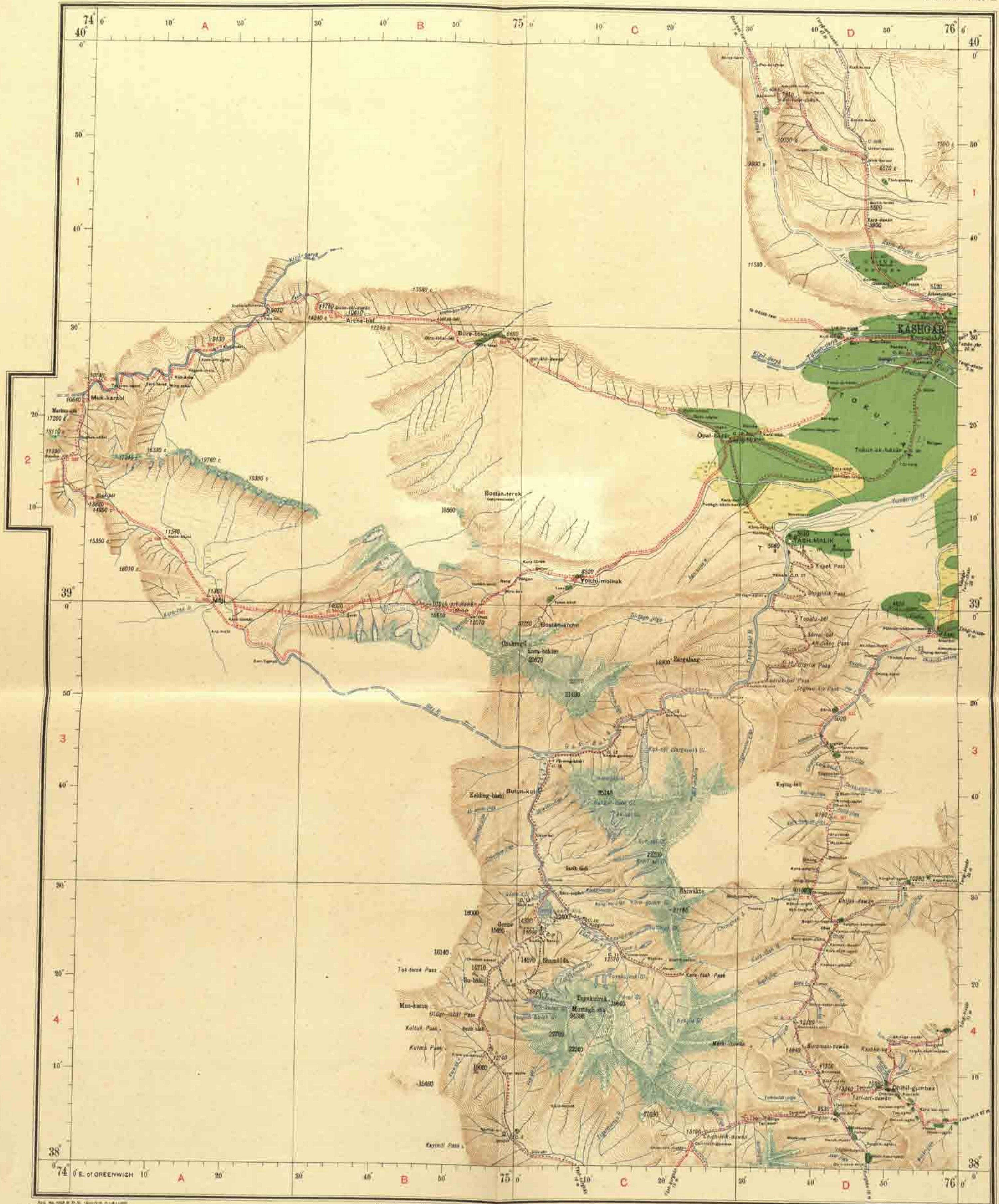
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 42 N.E.

KĀSHGAR, MUZTĀGH-ATĀ.

SERIAL No. 2



Latitude Stn. Azimuth Stn. Triangulation Stn.

Height by theodolite, by aneroid

Height by barometer or hypsometer

Perpetual snow (approximate)

Dirt-sand area

Erosion terraces, mesa, yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation, unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub, living, dead

Sandy tract with scrub or jungle

Tamarisk cones, living, dead

Wild poplars (Tograkas), living, dead

Tamarisks, living, dead, Conifers

Index to localities



Published under the direction of Colonel C. H. O. Ryder, C.I.E., D.S.O., R.E., Surveyor General of India.

Scale 1: 500,000 or 10 1/4 inches to 5 miles

1922

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EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Koi	Lake	Pao-tai, Pu-tai	Walled village (Chin.)
Shao	Hill stream	Kum	Field	Sai	Desert of stone or gravel
Darya	River	Kumuk	Reeds	Shan (Chin.)	Mountain
Dawan	Pass	Karghan	Tower	Ta-lan (Chin.)	Pass
Dong	Hill	Lungur, Lu	Rest house	Tigh	Mountain
Ho (Chin.)	River	Mazar, Mr.	Saint's tomb	Tugrak	Pass
Jiga, J	Valley	Mim (Chin.)	Temple	Usting	Canal
Karaul	Watch station	Oghil	Singh's station	Yalak, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort, ancient, recent, mine

Temporarily occupied hut

Frontier wall, ancient, recent

Walled town, extent, ruined, burned mound (Stupa)

Ancient site, watch-tower, cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15

Camps of Sir A. Stein and Atabek Gai in 1913-15

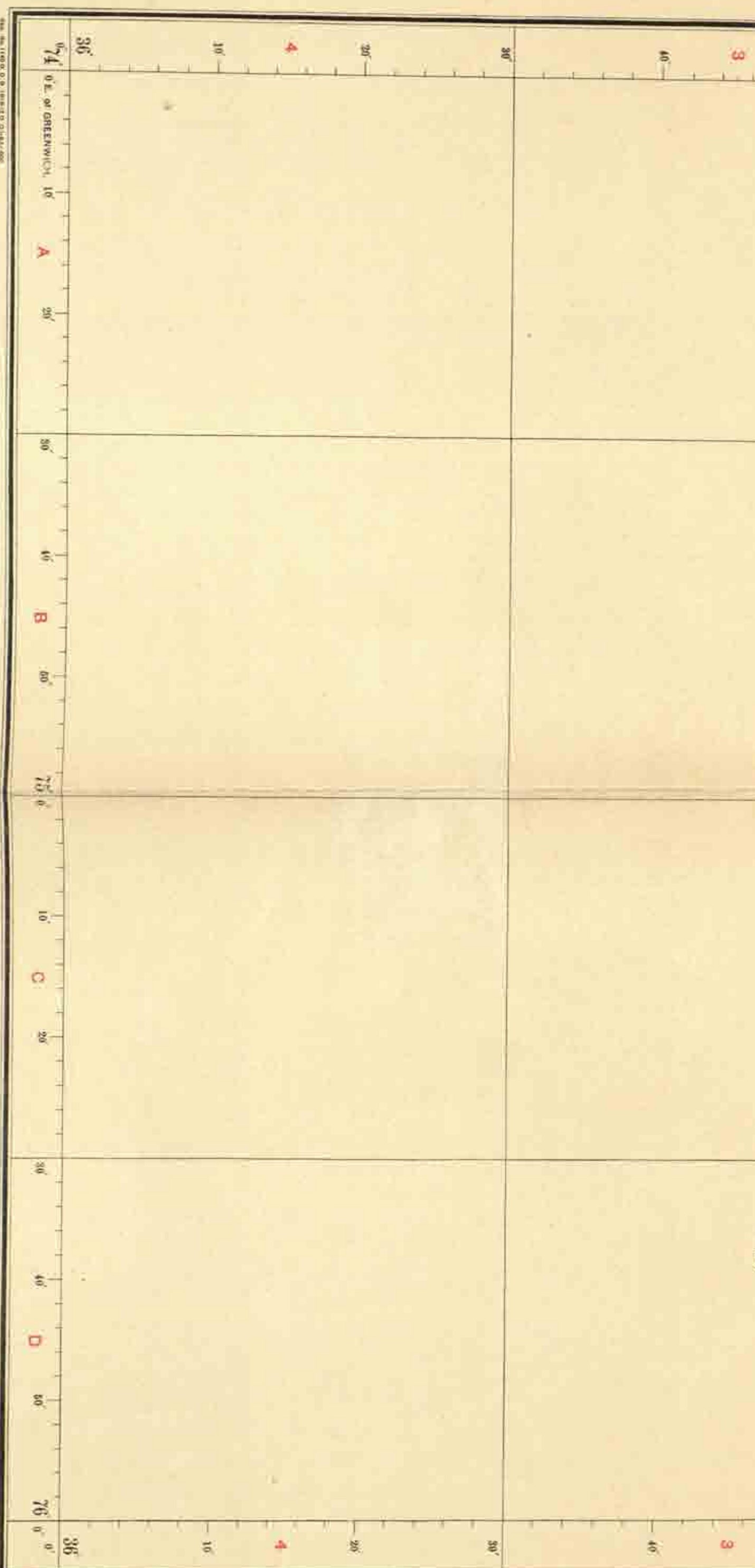
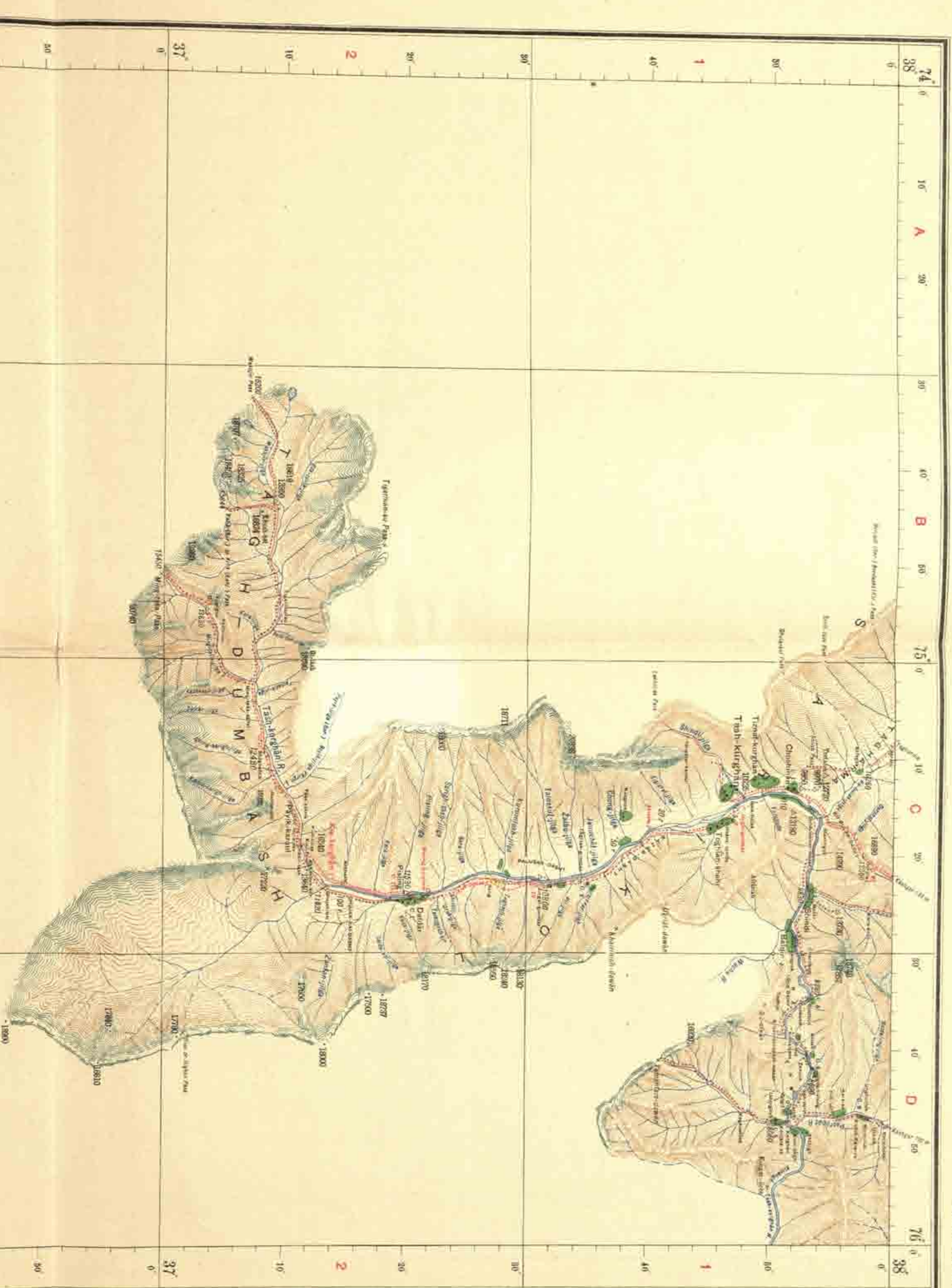
Camps of R. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 42 S.E.

SARIKOL

SERIAL No. 3



Latitude 36° 0' 0" to 38° 0' 0" N. Longitude 74° 0' 0" to 76° 0' 0" E.

Scale 1:500,000 or 1:1,014,000 (1 inch = 8 miles)

Published under the direction of Colonel C. H. D. Roper, C.I.E., D.S.O., R.E., OBE, Survey General of India.

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

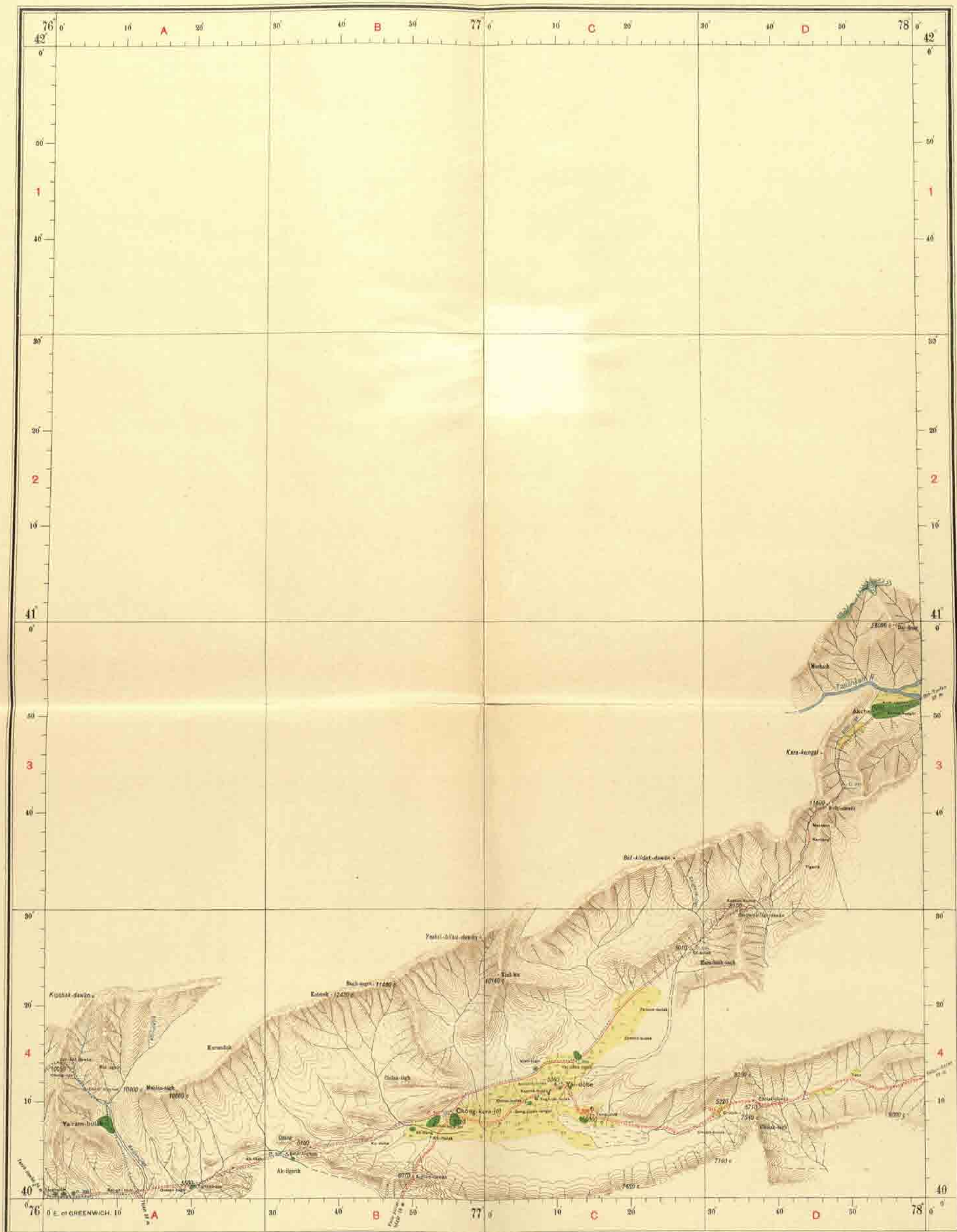
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-43
(CARTE INTERNATIONALE DU MONDE)

YAI-DÖBE.

SERIAL No. 4



Scale: 1:500,000 or 1:101,400 inches to 8 Miles.

Published under the direction of Colonel Sir S. G. Burrard, K.C.I.E., R.E., F.R.S., Surveyor-General of India, 1915.

Index to localities.

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Spring: Well, Karez.

Main road.

Other roads and paths with pass.

Telegraph line.

Temple, Muhammadan shrine, Sacred tomb.

Fort: ancient; recent; Mine.

Temporarily occupied hut.

Frontier wall: ancient; recent.

Walled town: extant; ruined. Ruined mound (Stupa).

Ancient site: watch-tower, Cairn.

Route with camp, 1900-01.

Route with camp, 1908-09.

Route with camp, 1913-15.

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15.

Camps of Sir A. Stein and Alfred Gui in 1913-15.

Camps of R. E. La Singh in 1913-15.

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	P'ao-tzu, Po-tzu (Chin.)	Walled village
Chau	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumush	Road	Shan (Chin.)	Mountain
Dawan	Pass	Kurgan	Tower	Ta-fen (Chin.)	Pass
Dong	Hill	Lamar, Le	Rest house	Tagh	Mountain
Ho (Chin.)	River	Makar, Mr	Saint's tomb	Taghak	Poplar
Jilga, 2	Valley	Miao (Chin.)	Temple	Uulang	Canal
Kanul	Watch station	Ughit	Shepherd station	Yalak, Yalgh	Grazing ground

Streams etc., which generally contain water are shown in blue.

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

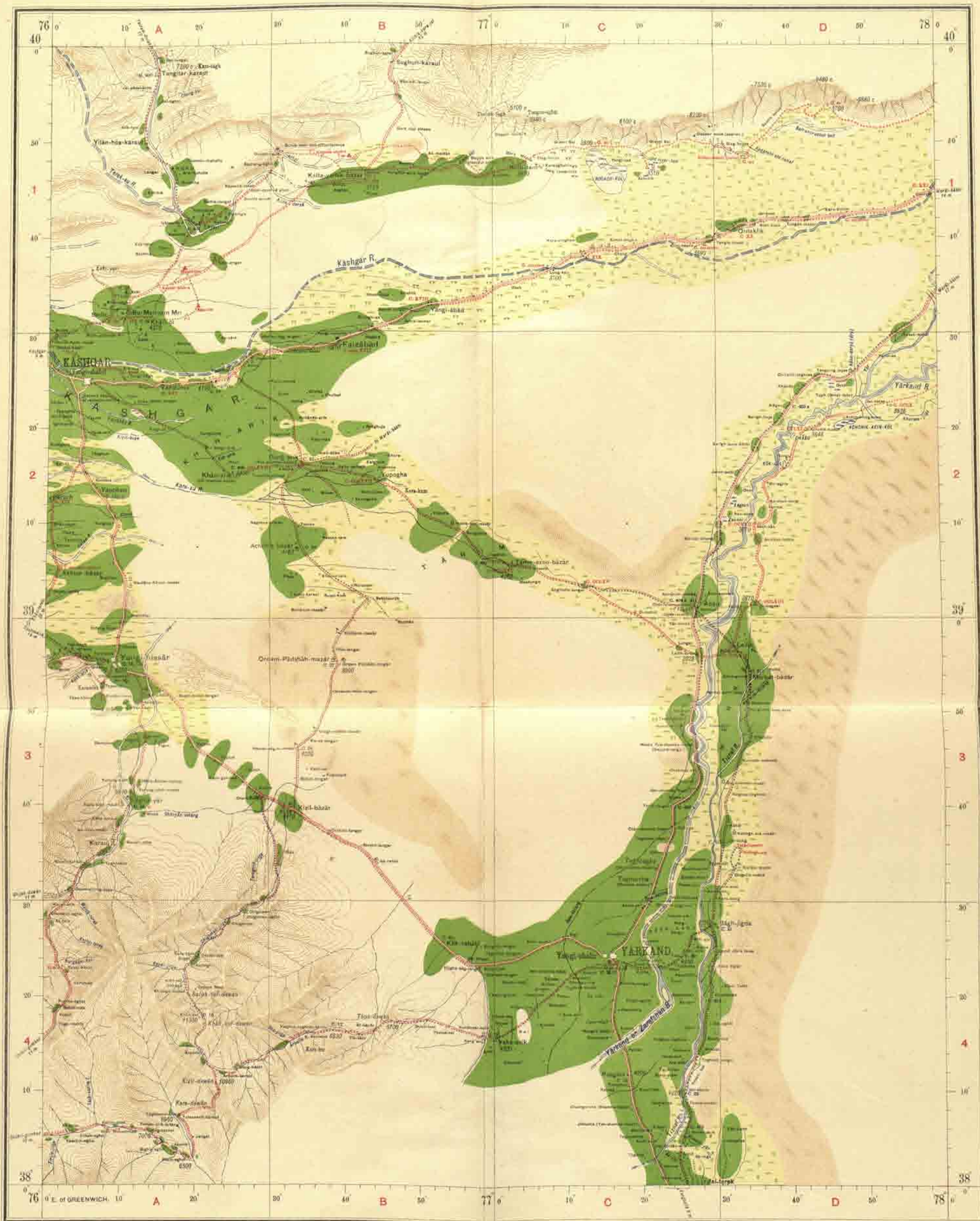
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 N.W.

YANGI-HISSAR, YARKAND.

SERIAL No. 5



Latitude 5th Azimuth 5th Triangulation 5th.

Heights: by theodolite; by clinometer. 13277 12306

Heights: by barometer or hypsometer. 12770

Perpetual snow (approximate)

Drift-land area

Erosion terraces. Mts. Yarkand

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living: dead

Sandy tract with scrub or jungle

Tamarisk: cones: living: dead

Wild poplars (Tohraks): living: dead

Tamarisks: living: dead: Conifers

Index to localities

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Offg. Surveyor-General of India, 1921.

Scale 1: 500,000 or 1:1014 inches to 5 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	Py-tai, Py-tai	Walled village
Chap	Hill station	Kum	Salt	Shan (Shan)	Desert of sand or gravel
Darak	River	Kumuk	Reeds	Ta-lin (Chin.)	Pass
Dawda	Pass	Korghan	Tower	Tan	Mountain
Dong	Hill	Lungar, Lr.	West house	Tughrak	Pass
He (Chin.)	River	Makr, Mr	Salt's hill	Uzang	Cañon
Jilga, J	Valley	Mia, Chia	Tamgh		
Karakul	Watch station	Oghli	Shoukri station	Pailak, Pailagh	Grazing ground

Index to adjoining sheets

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower, Cañon

Route with camp, 1900-01

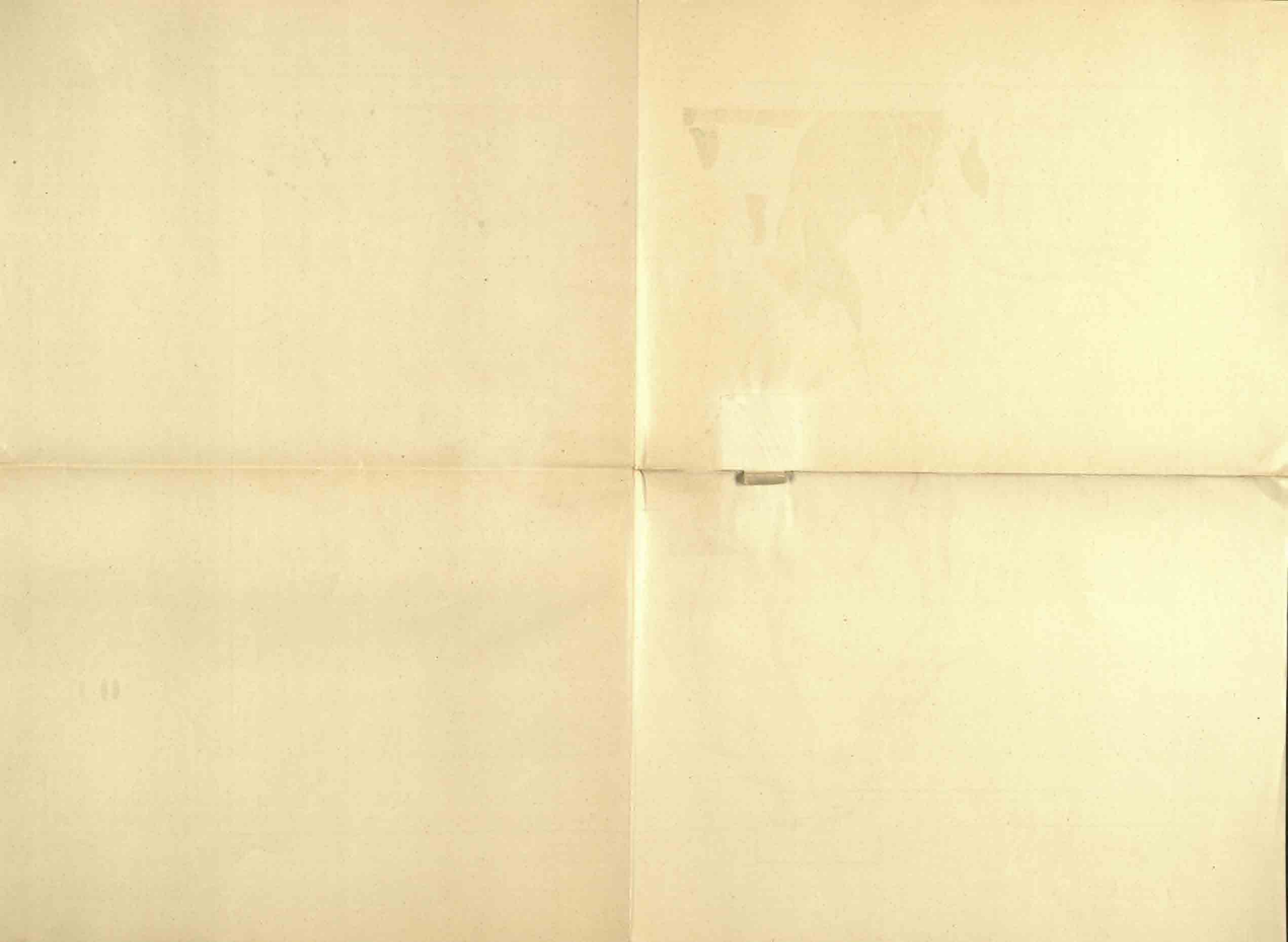
Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Atax Gu in 1913-15

Camps of R. B. Lal Singh in 1913-15

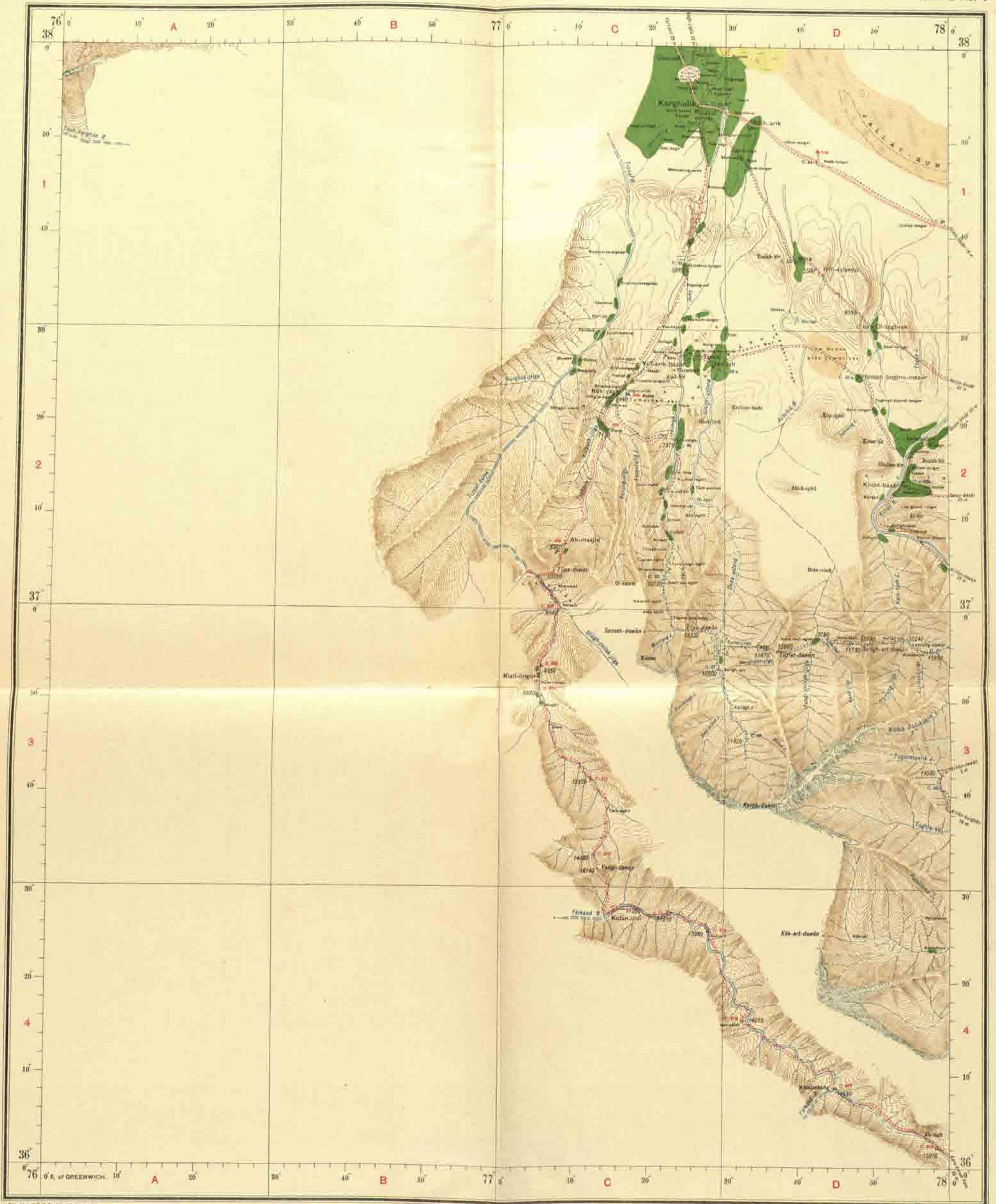


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 S.W.

KARGHALIK, KILIÂN.

SERIAL No. 6



Scale 1:500,000 or 1-5/8 inches to 8 miles
Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Offg. Surveyor-General of India, 1915.

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Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Mohammedan shrine, Sacred tomb
Fort, ancient, recent, mine
Temporarily occupied hut
Frontier wall, ancient, recent
Walled town, extent, ruined, Ruined mound (Stupa)
Ancient mts, watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein, or Mid. Yakub Khan in 1913-15
Camps of Sir A. Stein and A. H. G. in 1913-15
Camps of R. B. Lal Singh in 1913-15

EXPLANATION OF SOME TIBETAN AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	Plan-tai, Pu-tzu	Walled village
Chao	Hill stream	Kom	Sand	Shai (Chin.)	Dwarf of stone or gravel
Darik	River	Kumuk	Roads	Shai (Chin.)	Mountain
Dauki	Pass	Kurgan	Tower	Tu-tin (Chin.)	Pass
Dung	Hill	Langai, Li	Slip house	Tu-tin	Mountain
He (Chin.)	River	Mazir, Mr	Slip house	Tu-tin	Mountain
Jigai, J	Valley	Miao (Chin.)	Temple	Tu-tin	Mountain
Kareul	Watch station	Qigui	Shooting station	Tu-tin	Mountain

Streams etc. which generally carry water are shown in blue

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

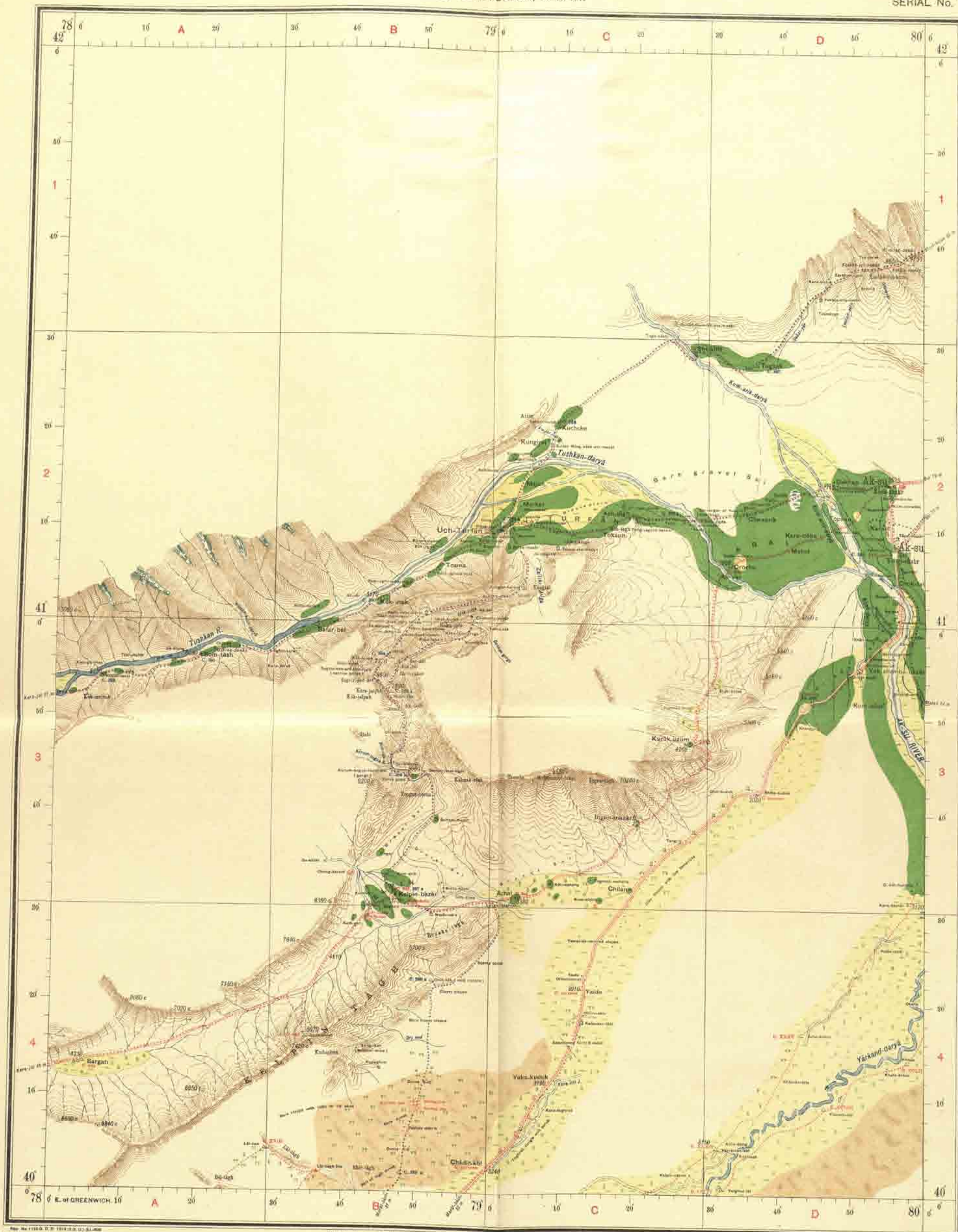
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

AK-SU, UCH-TURFĀN, KELPIN.

PART OF SHEET No. N, K-44
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 7



Latitude Etn. Azimuth Etn. Triangulation Stn. ...
 Heights by theodolite; by clinometer ...
 Heights by barometer or hypsometer ...
 Perpetual snow (approximate) ...
 Drift-sand area ...
 Erosion terraces; Mesa; Yardang ...
 Hard salt crust ...
 Hard salt encrusted clay ...
 Soft salt encrusted clay ...
 Cultivation; unsurveyed ...
 Edges of cultivation, etc., where surveyed ...
 Reeds or low scrub; living; dead ...
 Sandy tract with scrub or jungle ...
 Tamarisk cores; living; dead ...
 Wild poplars (Teghrak) living; dead ...
 Tamarisks; living; dead; Conifers ...



Published under the direction of Colonel Sir S.G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1919.

Scale 1: 500,000 or 1: 614 inches to 8 Miles

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Kūl	Lake	P'ao-tzu, Pa-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kanash	Roads	Shan (Chin.)	Mountain
Dawān	Pass	Kurgan	Tower	Ta-sh (Chin.)	Pass
Dung	Hill	Lamdar, Lā	Boat house	Tagh	Mountain
Ho (Chin.)	River	Mazār, Mā	Saint's tomb	Taghral	Poplar
Jilgha, J.	Valley	Miqā (Chin.)	Temple	Ustang	Grazing ground
Karaul	Watch station	Oghil	Shepherd station	Yalak, Yalagh	

Streams etc. which generally contain water are shown in blue

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1	2
3	4

Spring; Well; Kārtz ...
 Main road ...
 Other roads and paths with pass ...
 Telegraph line ...
 Temple; Muhammadan shrine; Sacred tomb ...
 Fort; ancient; recent; Mita ...
 Temporarily occupied hut ...
 Frontier wall; ancient; recent ...
 Walled town; extant; ruined; Ruined mound (Būda) ...
 Ancient site; watch-tower; Cairn ...
 Route with camp, 1900-01 ...
 Route with camp, 1906-08 ...
 Route with camp, 1913-15 ...
 Camps of Sir A. Stein or Ma, Yakūo Khān in 1913-15 ...
 Camps of Sir A. Stein and André Dui in 1913-15 ...
 Camps of R. B. Lillington in 1913-15 ...

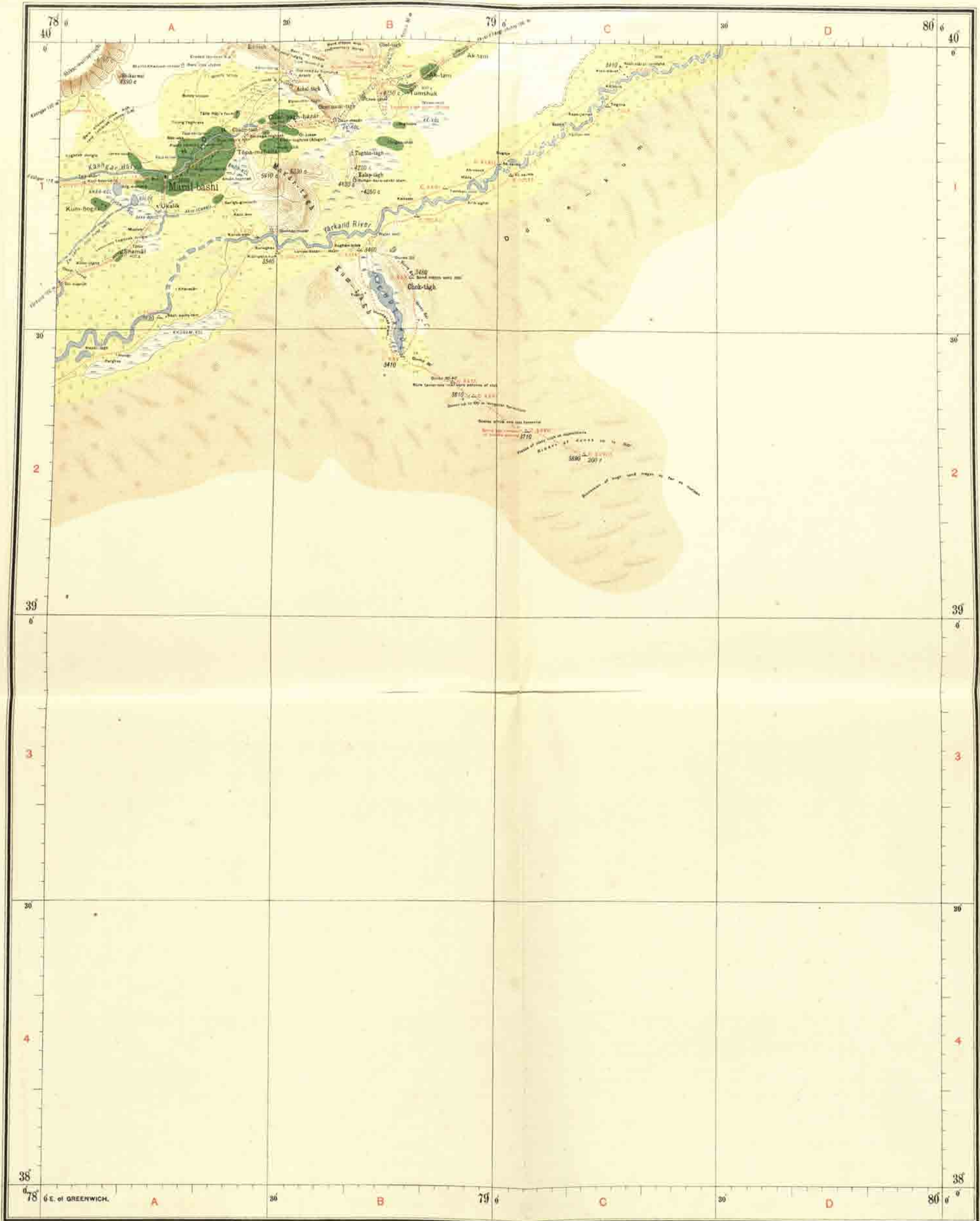
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CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 N.E.

MARAL-BĀSHI.

SERIAL No. 8



Latitude Str. Azimuth Str. Triangulation Str. ...
Heights: by theodolite; by clinometer ...
Heights: by barometer or hypsometer ...
Perpetual snow (approximate) ...
Drift-sand area ...
Erosion terraces: Mesa; Yārdang ...
Hard salt crust ...
Hard salt-encrusted clay ...
Soft salt-encrusted clay ...
Cultivation: unsurveyed ...
Edges of cultivation, etc., where surveyed ...
Reeds or low scrub: living; dead ...
Sandy tract with scrub or jungle ...
Tamarisk: living; dead ...
Wild poplars (Toghra): living; dead ...
Tamarisk: living; dead: Conifers ...

Index to localities



Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1: 614 inches to 9 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kōl	Lake	P'ao-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kum	Sand	Uai	Dweller of stone or gravel
Darya	River	Kumush	Roads	Uai (Chin.)	Mountain
Dawān	Pass	Kurghān	Towns	Tai-fut (Chin.)	Pass
Dang	Hill	Langar, Lr	Real house	Tagh	Mountain
Hu (Chin.)	River	Mazar, Mr	Saint's tomb	Toghrah	Poplar
Jilga, J	Valley	Miao (Chin.)	Temple	Uyghur	Canal
Karsul	Watch station	Oghil	Shepherd station	Yalgh, Yalgh	Grazing ground

Streams etc. which generally contain water are shown in blue

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5	8	11
6	9	12

Spring, Well, Kārbz ...
Main road ...
Other roads and paths with pass ...
Telegraph line ...
Temple, Muhammadan shrine, Sacred tomb ...
Fort: ancient; recent; Mine ...
Temporarily occupied hut ...
Frontier wall: ancient; recent ...
Walled town: extant; ruined. Ruined mound (Būpa) ...
Ancient site; watch-tower. Cairn ...
Route with camp, 1900-01 ...
Route with camp, 1906-08 ...
Route with camp, 1913-15 ...
Camps of Sir A. Stein or Mid. Yakūb Khān in 1913-15 ...
Camps of Sir A. Stein and Afrāz Gul in 1913-15 ...
Camps of R. B. Lal Singh in 1913-15 ...

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 51 S.E.

KHOTAN, SANJU.

SERIAL No. 9



Latitude Stn. Azimuth Stn. Triangulation Stn.
Height by theodolite, by clinometer. 13277 12200
Height by barometer or hypsometer. 12770
Perennial snow (approximate)
Drift-sand area
Erosion terraces: Maa; Yandang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Sandy tract with scrub or jungle
Tamarisk: living; dead
Wild poplars (Tograk): living; dead
Tamarisk: living; dead. Conifers

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., RE., Offg. Surveyor General of India.
Scale 1:500,000 or 1:514 inches to 1 mile

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Butak	Spring	Kul, Kai	Lake	Pao-tai, Pu-tai	Walled village
Chap	Hill stream	Kum	Small	Shi	Desert of stone or gravel
Darya	River	Kamash	Reeds	Suan (Chin.)	Mountain
Dawa	Pass	Karghan	Town	Yi-fan (Chin.)	Park
Dang	Hill	Langer, Le	Road house	Tagh	Mountain
Ho (Chin.)	River	Mazir, Mr.	Salt lake	Tograk	Pooler
Jing, J	Yalghy	Mira (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Oghil	Shagreen station	Yalghy	Grazing ground

Streams etc. which generally contain water are shown in blue

A	B	C
D	E	F
G	H	I
J	K	L
M	N	O
P	Q	R
S	T	U
V	W	X
Y	Z	

Spring, Well, Kariz
Main road
Other roads and paths with pigs
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient, recent, Mine
Temporarily occupied fort
Frontier wall: ancient, recent
Walled town: extant, ruined, Ruined mound (stupa)
Ancient site: watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Afrakz Gur in 1913-15
Camps of R. B. Lal Singh in 1913-15

1900-01, 1906-08, 1913-15.

KARA-KORAM, KHITAI-DAWĀN

SERIAL No. 10



1. Latitude 45° 00' 00" N. Longitude 101° 00' 00" W.
 Latitude 45° 00' 00" N. Azimuth 50° Triangulation Sta. 13227 13229
 Heights: by theodolite; by clinometer 13227 13229
 Heights: by barometer or hypsometer 13270
 Perpetual snow (approximate)
 Drift-sand area
 Erosion terraces: Mesa, Yardang
 Hard salt crust
 Hard salt-encrusted clay
 Soft salt-encrusted clay
 Cultivation: unsurveyed
 Edges of cultivation, etc., where surveyed
 Reeds or low scrub: living; dead
 Sandy tract with scrub or jungle
 Tamarisk cones: living; dead
 Wild poplars (Tohphaks): living; dead
 Tamarisks: living; dead. Conifers

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Published under the direction of Colonel Sir R. O. Burrard, M.C.S.I., R.E., F.R.S., Surveyor General of India,
1918.
Scale 1: 500,000 or 1: 614 inches to 8 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Su-lai	Spring	Kul, Ksi	Lake	P'ao-tzu, Po-tzu	Walled village
Chap	Hill stream	Kum	Sau	(Chin.)	Desert of stone or gravel
Dzyk	River	Kumuk	Rivers	Shen (Chin.)	Mountain
Dwan	Pass	Kuzhän	Town	Tu-fen (Chin.)	Pass
Dung	Hill	Langer, Lr	Rest house	Teg	Mountain
He (Chin.)	River	Mazir, Mr	Sacred tomb	Tograk	Poplar
Jüge, J	Valley	Mau (Chin.)	Temple	Ustang	Canal
Kanal	Watch station	Öghir	Shaded station	Falik, Yalik	Grazing ground

Streams etc. which generally contain water are shown in blue

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Spring, Wei, Karéz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent.

Walled town; extant; ruined. Ruined mound (Sūpa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mtd. Yakūb Khān in 1913-15

Camps of Sir A. Stein and Alrāz Gul in 1913-15

Camps of R. B. Lāi Singh in 1913-15

Copies of this report can be obtained on request from the Library of Social
 Offices, 1 Map Room and Social Research Centre, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912,

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

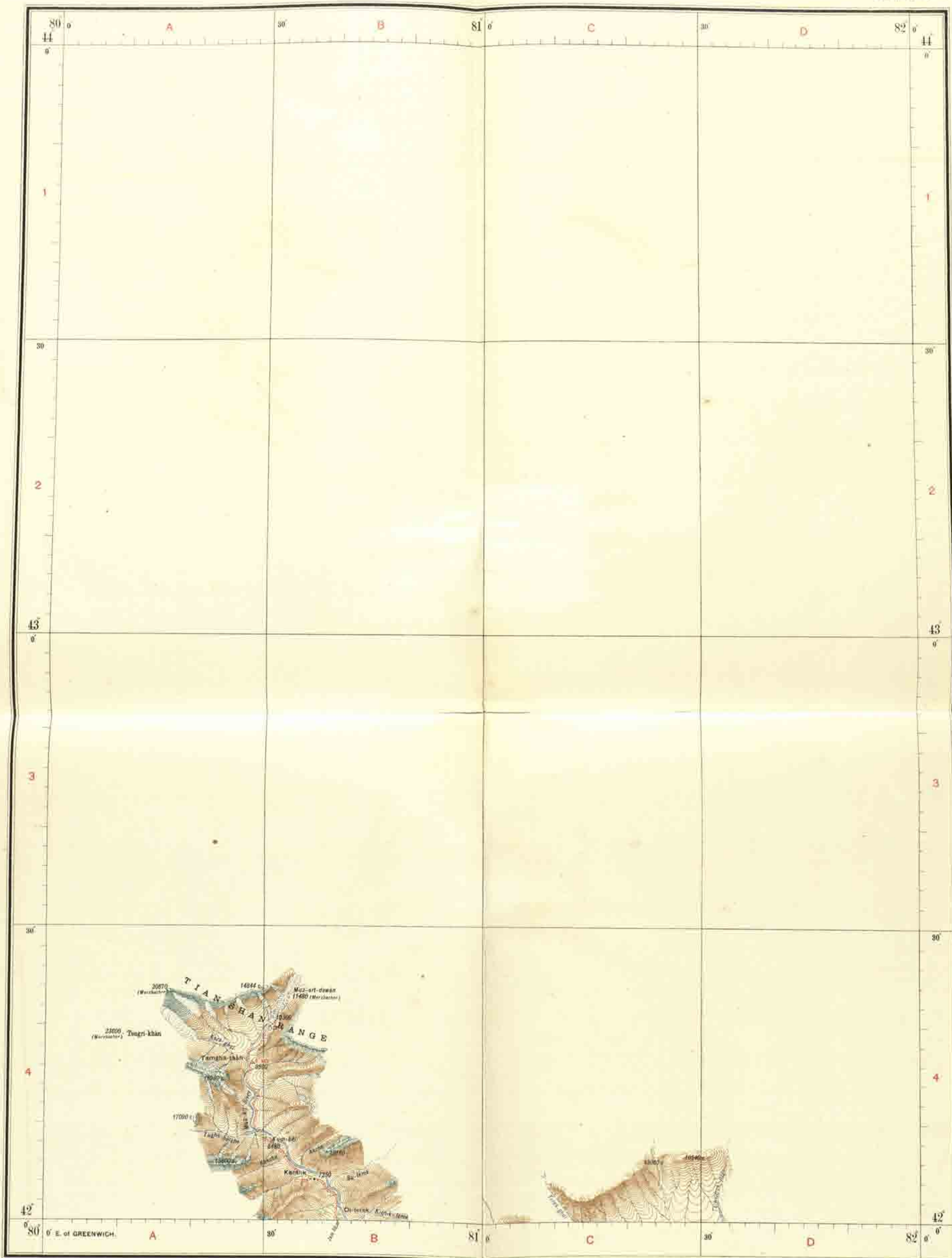
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44

(CARTE INTERNATIONALE DU MONDE)

MUZ-ART

SERIAL No. 11



Res. No. 10440 D.D. 1918 (2 D. 01.51-500)
Latitude Stn. Azimuth Stn. Triangulation Stn.
Heights: by theodolite, by clinometer. 13,277 12,300 c
Heights: by barometer or hypsometer. 12,770
Perpetual snow (approximate)
Drift-sand areas
Erosion terraces: Meas; Yardang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Sandy tract with scrub or jungle
Tamarisk cones: living; dead
Wild poplars (Toghrahs): living; dead
Tamarisks: living; dead. Conifers

Index to localities



Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor-General of India, in 1916.

Scale 1: 500,000 or 1:1,014 inches to 3 miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS					
Bulak	Spring	Kul, Koi	Lake	P'ao-tzu, Pu-tzu	Walled village (Chin.)
Chan	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuk	Roads	Shan (Chin.)	Mountain
Dawan	Pass	Karghan	Towers	Tu-fan (Chin.)	Pass
Dang	Hill	Lenger, Lr.	Rest house	Tugh	Mountain
He (Chin.)	River	Mazar, Mr.	Saint's tomb	Tugrak	Pass
Jilga, J.	Valley	Miao (Chin.)	Tamir	Ustang	Canal
Karakul	Watch station	Ughil	Shepherd's station	Talal, Talaga	Grazing ground

Streams etc. which generally contain water are shown in blue.

Spring, Well: Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Musliman shrine, Sacred tomb
Fort: ancient; recent. Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stupa)
Ancient site: watch-tower. Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15
Camps of Sir A. Stein and Alras Gul in 1913-15
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

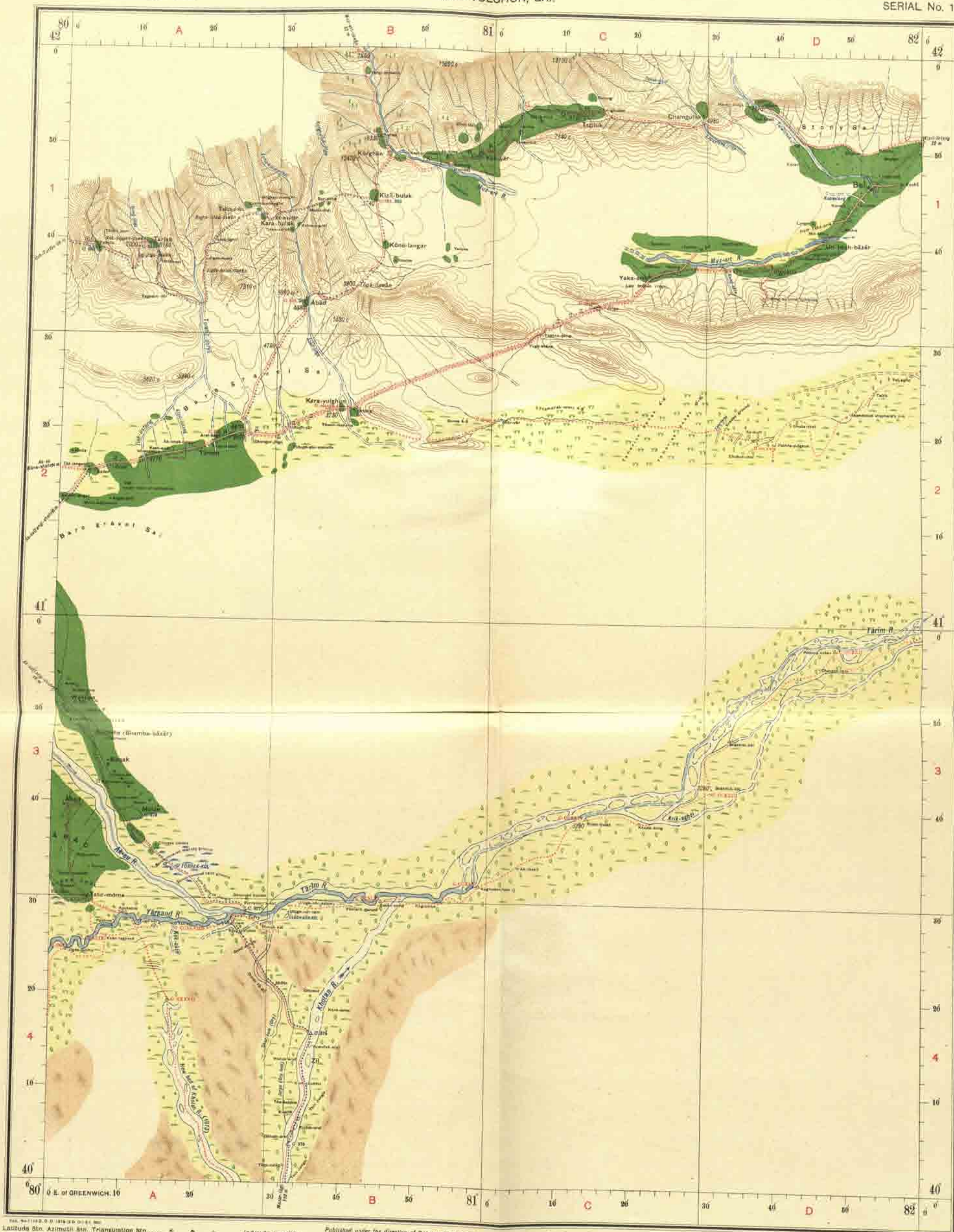
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

KARA-YULGHUN, BAL.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 12



Scale 1:500,000 or 1:1014 inches to 8 miles
Published under the direction of Colonel Sir S. G. Burrell, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1919.

Index to localities

Index to adjoining sheets

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent

Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, ruined mound (Stupa)

Ancient site; watch-tower, cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khān in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of R. B. Lal Singh in 1913-15



Published under the direction of Colonel Sir S. G. Burrell, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1919.

Scale 1:500,000 or 1:1014 inches to 8 miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent

Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, ruined mound (Stupa)

Ancient site; watch-tower, cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khān in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of R. B. Lal Singh in 1913-15

Streams etc. which generally contain water are shown in blue

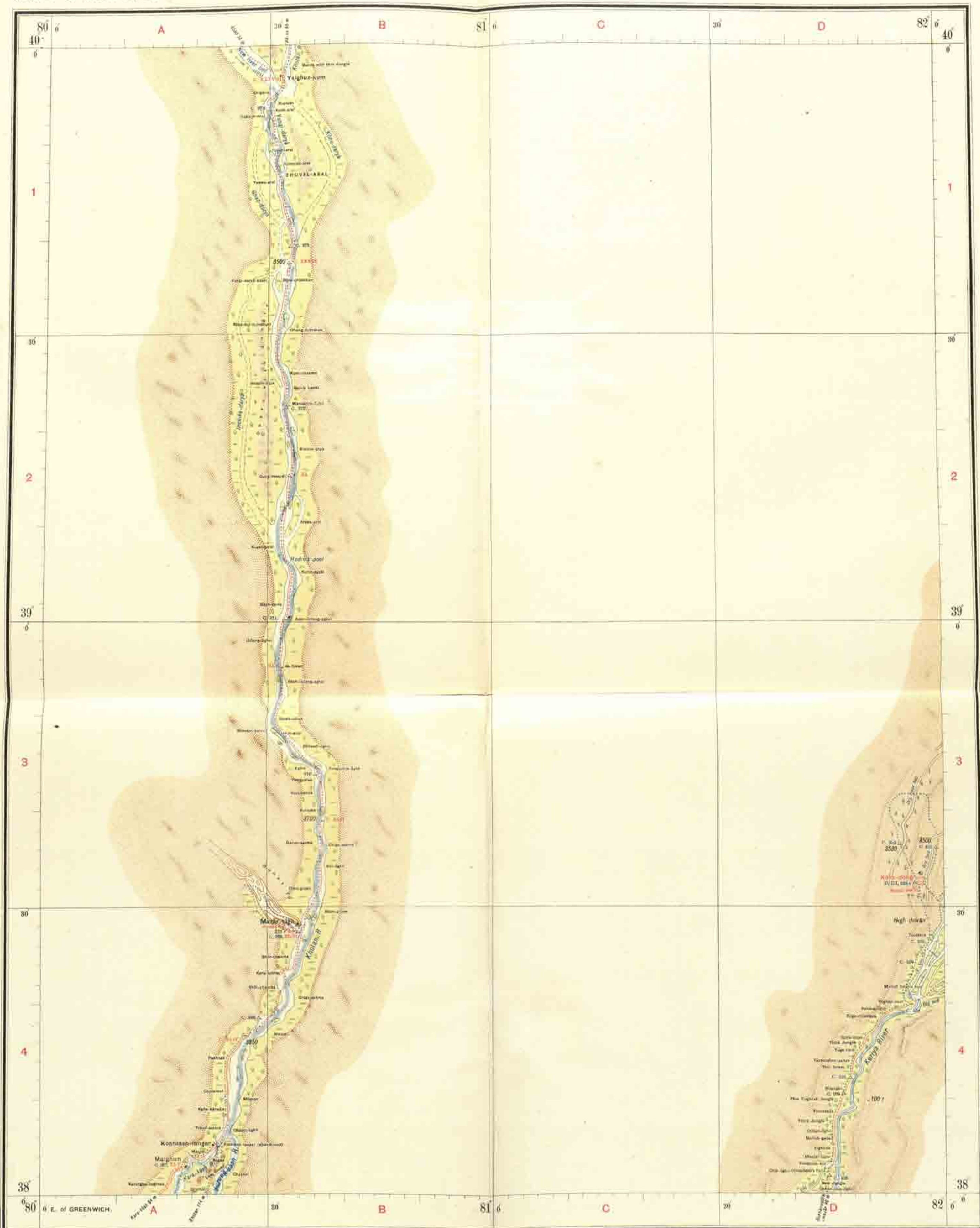
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 N. W.

MAZAR-TAGH, KARA-DONG.

SERIAL No. 13



Scale 1:500,000 or 1:614 inches to 1 mile
Published under the direction of Colonel Sir S. G. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

Index to localities

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Spring Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort, ancient, recent, Mine
Temporarily occupied hut
Frontier wall, ancient, recent
Walled town, extant, ruined; Ruined mound (Bilga)
Ancient site; watch-tower, Cañon
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Md. Fakur Khan in 1913-15
Camps of Sir A. Stein and Alraz Gui in 1913-15
Camps of R. B. Lal Singh in 1913-15

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Butak	Spring	Kul, Kùl	Lake	P'an-lai, Pa-lai	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Dary	River	Kumuk	Reeds	Shan / Chin J.	Mountain
Dawat	Pass	Kurghan	Tower	Ta-san / Chin J.	Pass
Dong	Hill	Lungar, Le	Next door	Tagh	Mountain
Ho / Chin J.	River	Mazar, Mr.	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Maze / Chin J.	Temple	Üstang	Canal
Karaul	Watch station	Öghil	Shaman's station	Talisk, Yalgh	Grazing ground

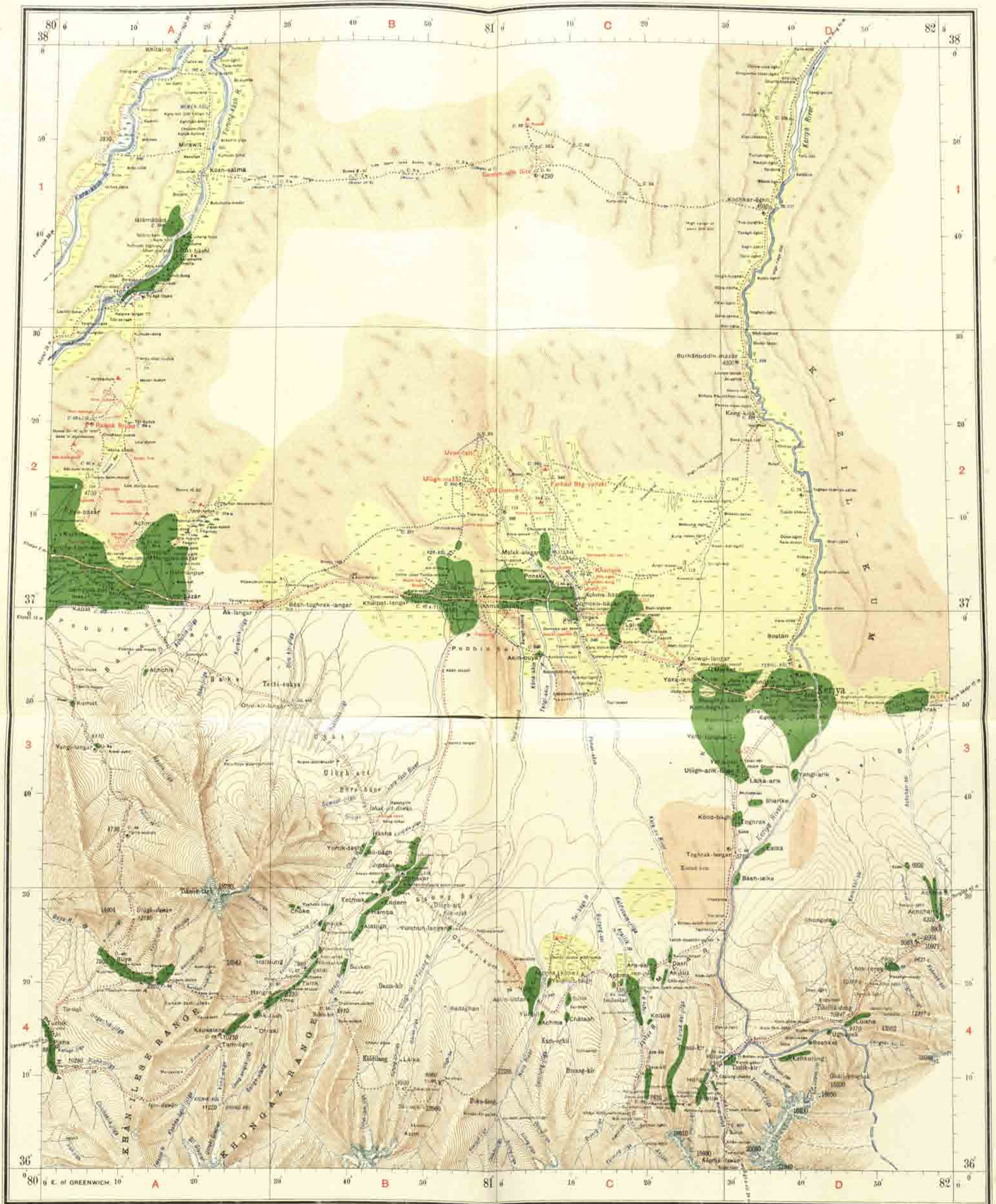
Streams etc. which generally contain water are shown in blue.

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 S. W.

SAMPULA, CHIRA, KERIYA.

SERIAL No. 14



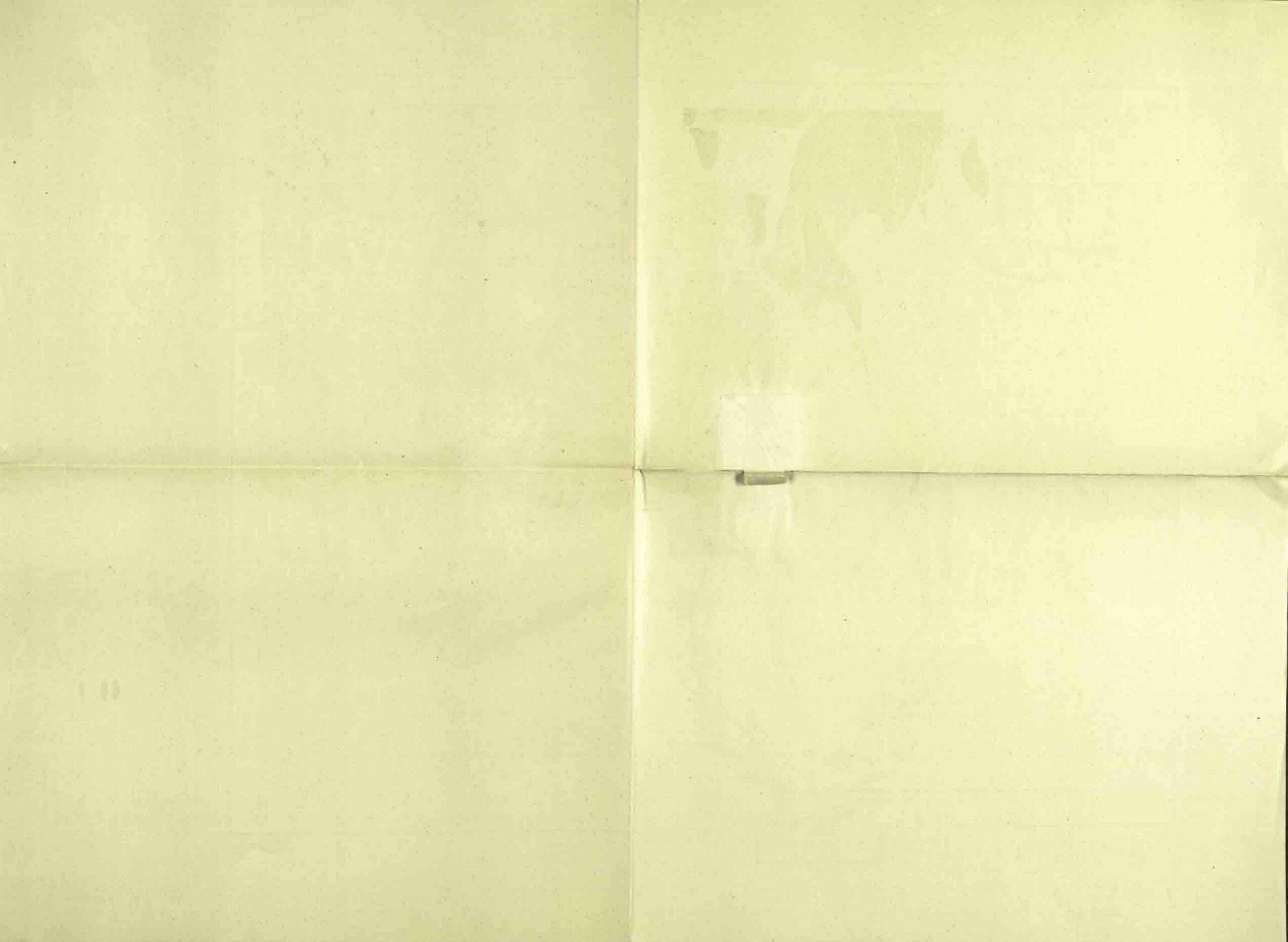
Latitude 41° Azimuthal Sin. Triangulation Stn. 13277 12200
Heights: by theodolite; by aneroid 13277 12200
Heights: by barometer or hypsometer 17270
Perpetual snow (approximate)
Drift-sand area
Erosion terraces: Mesa, Yardang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Sandy tract with scrub or jungle
Tamarisk cones: living; dead
Wild poplars (Tograk): living; dead
Tamarisks: living; dead; Conifers

Published under the direction of Colonel Sir S. G. Burrows, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.
Scale 1:500,000 or 1:1014 inches to 5 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS
Bulak Spring Kul, Kul Lake Pao-tu, Pa-tu (Chin.) Walled village
Chap Hill stream Kum Kum Desert of stone or gravel
Darya River Kunush Reek Shan (Chin.) Mountain
Dawan Pass Karghan Tower Ta-tan (Chin.) Pass
Dong Hill Langer, Lr. Rest house Togh Togh Mountain
Ho (Chin.) River Mazar, Mr. Sacred tomb Toghak Poplar
Jilan, J Valley Miao (Chin.) Temple Ustang Canal
Kasul Watch station Ogul Shepherd station Yalak, Yalagh Grazing ground

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Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient; recent; mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined; mound (Stupa)
Ancient site; watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Alfred G. in 1913-15
Camps of R. B. L. Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

YURUNG-KASH AND KERIYA R. SOURCES.

SURVEY OF INDIA No. 61 N. W.

SERIAL No. 15



Published under the direction of Colonel Sir E. G. Barrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

Scale 1: 500,000 or 1:014 inches to 8 Miles

Index to localities

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EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulat	Spring	Kul, Kai	Lake	P'ao-t'ü, Pu-t'ü	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumush	Rhale	Shan (Chin.)	Mountain
Dawün	Pass	Kurghân	Tower	Ta-shan (Chin.)	Pass
Dong	Hill	Langar, Lc.	Road house	Tagh	Mountain
Ha (Chin.)	River	Mazir, Mr	Saint's tomb	Toghrak	Poplar
Häp, t	Valley	Miao (Chin.)	Temple	Üstang	Canal
Karakul	Watch station	Oghil	Shepherd station	Yalakh, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent. Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined. Ruined mound (stüpa)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Afriz Gul in 1913-15

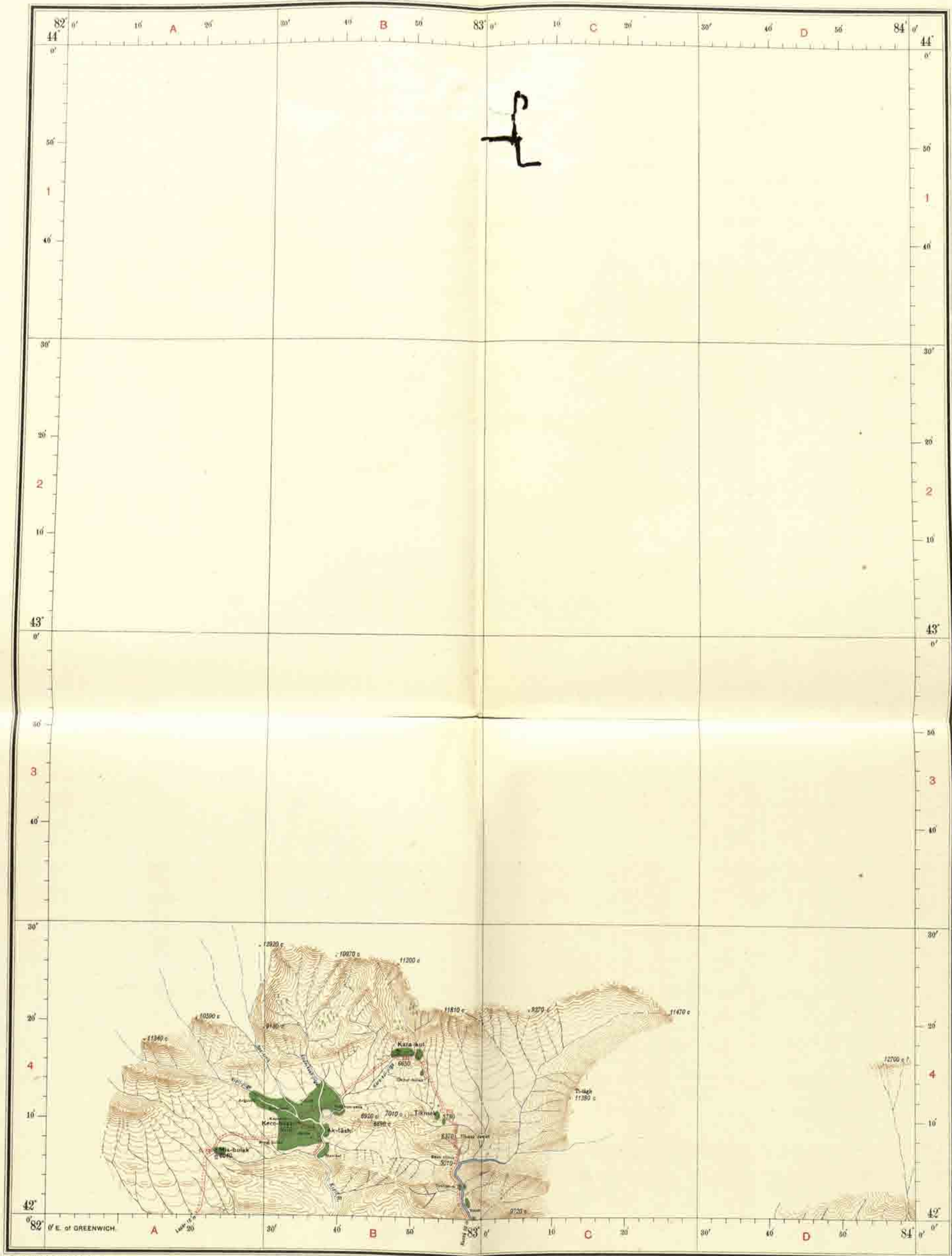
Camps of R. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

KERE-BAZAR (BAI)

SERIAL No. 16



Scale 1: 500,000 or 1: 614 inches to 8 Miles
Published under the direction of Colonel Sir S. O. Burdard, K. C. I. E., F.R.S., Surveyor General of India, 1918.

Index to localities

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (Stupa)

Ancient site, watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mo. Yankü Khan in 1913-15

Camps of Sir A. Stein and Alfr. Gu. in 1913-15

Camps of R. B. Lill Singh in 1913-15

Streams etc. which generally contain water are shown in blue

Copy of this map can be obtained on request from the Survey of India Office (Map Room and New Branch), Calcutta. Price 1/- per Sheet.



EXPLANATION OF SOME TURKI AND CHINESE TERMS			
Bulak	Spring	Kul, Kö	Lake
Chap	Hill stream	Kum	Sand
Darya	River	Kumush	Reeds
Dawin	Pass	Kurgan	Town
Dong	Hill	Langar, Lx	Rest house
Ho (Chin.)	River	Mazar, M.	Saint's tomb
Jilga, J	Valley	Miao (Chin.)	Temple
Karez	Water station	Öghli	Slaying station
		Talpak, Talagh	Grazing ground

11	12	13
14	15	16

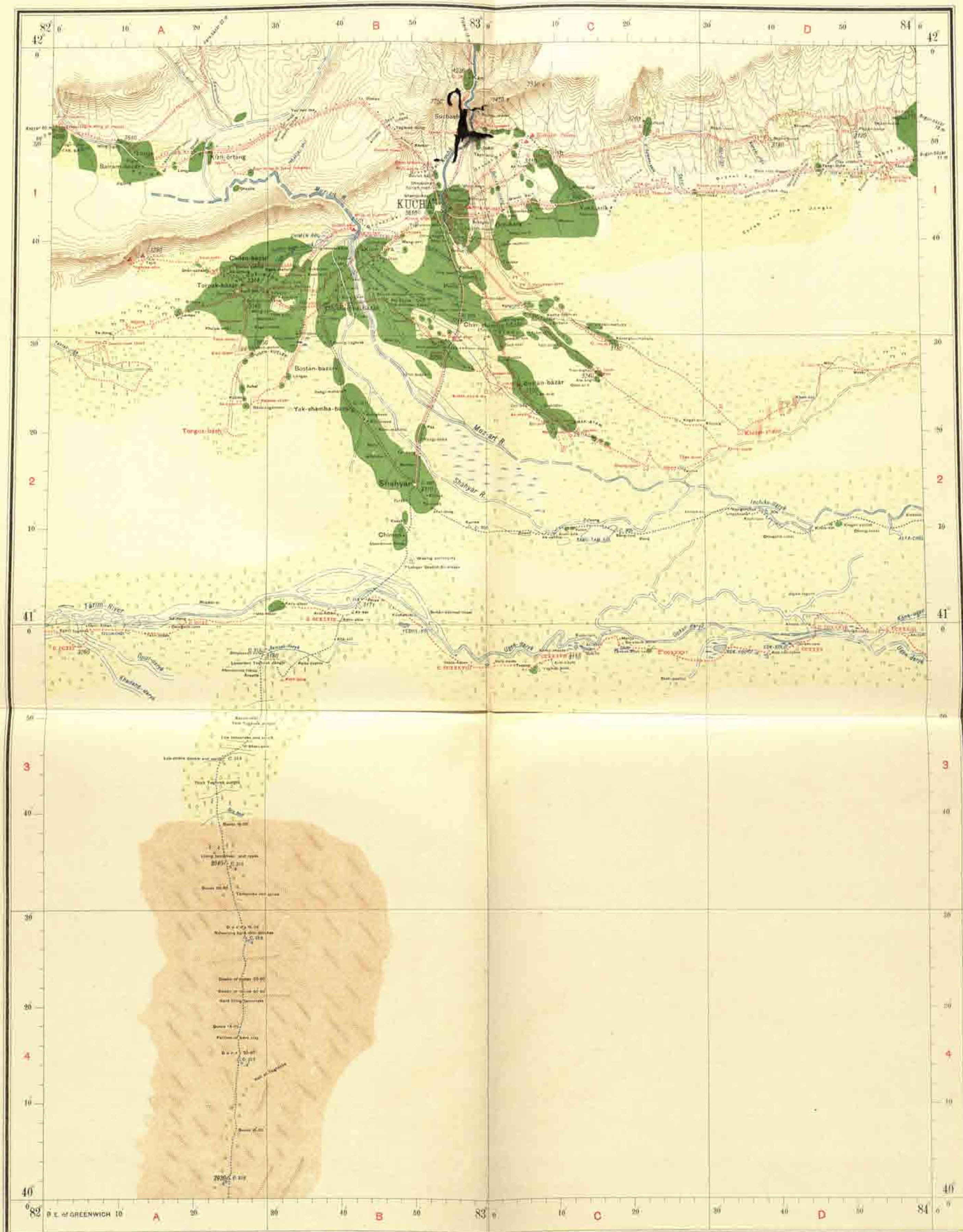
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-44
(CARTE INTERNATIONALE DU MONDE)

KUCHA

SERIAL No. 17



Latitude 8th. Azimuth 8th. Triangulation 8th.
Heights: by theodolite: by clinometer 13277 12380
Heights: by barometer or hypsometer 12770
Perpetual snow (approximate)
Drift-sand area
Erosion terraces: Mesa; Yardang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub: living; dead
Sandy tract with scrub or jungle
Tamarisks: living; dead
Wild poplars (Tohraks): living; dead
Tamarisks: living; dead. Conifers



Published under the direction of Colonel C. H. D. Ryder, C.F.E., D.S.O., R.E., O.D., Surveyor General of India.

Scale 1: 500,000 or 1:1014 inches to 8 miles

1:500,000 or 1:1014 inches to 8 miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Balek	Spring	Kul, Kai	Lake	P'ao-t'ui, P'ao-t'ui (Chin.)	Walled village
Chao	Hill stream	Kum	Sand	Shan (Chin.)	Desert of clams or gravel
Daryk	River	Kumuk	Wood	Ta-hu (Chin.)	Mountain
Dunhu	Pass	Kurghan	Tomb	Ta-hu (Chin.)	Pass
Dong	Hill	Lungar, Li	Rest house	Tagh	Mountain
He (Chin.)	River	Mazak, M.	Sacred tomb	Taghak	Pass
Jihs, J.	Valley	Miao (Chin.)	Temple	Udang	Canal
Karaul	Watch station	Oghil	Blackhead station	Yakik, Yalgh	Grazing ground

Streams etc. which generally contain water are shown in blue

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Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient; recent. Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stupa)
Ancient site; watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Mr. G. B. in 1913-15
Camps of R. B. Lai Singh in 1913-15

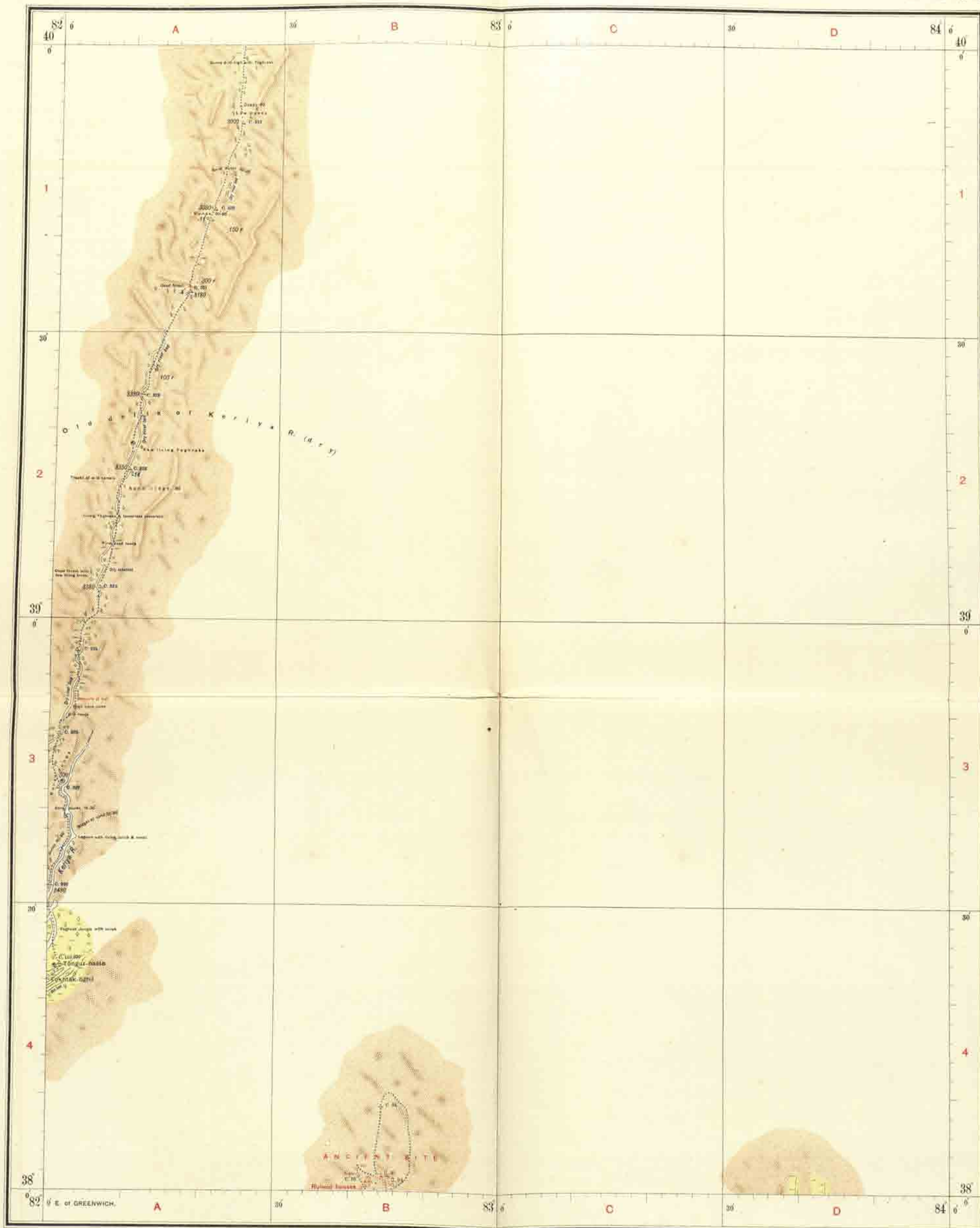
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 N. E.

KERIYA RIVER END

SERIAL No. 18



Scale 1:500,000 or 1/1014 inches to 1 mile

Published under the direction of Colonel Sir S. G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

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EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, KS	Lake	P'an-tzu, P'u-tzu	Walled village
Chap	Hill stream	Kam	Sand	Sai	Quarry of stone or gravel
Darda	River	Kumusu	Road	Shan (Chin.)	Mountain
Darda	Pass	Kurgan	Tower	Ta-lan (Chin.)	Pass
Dung	Hill	Langan, Li	Rest house	Tagh	Mountain
Ho (Chin.)	River	Mardi, Mr	Saint's tomb	Toghrak	Poster
Higa, J.	Valley	Miao (Chin.)	Temple	Ustang	Canal
Karsul	Watch station	Qighi	Shepherd station	Taiak, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (Stupa)

Ancient site, watch-tower, Cairn

Route with camp, 1900-01

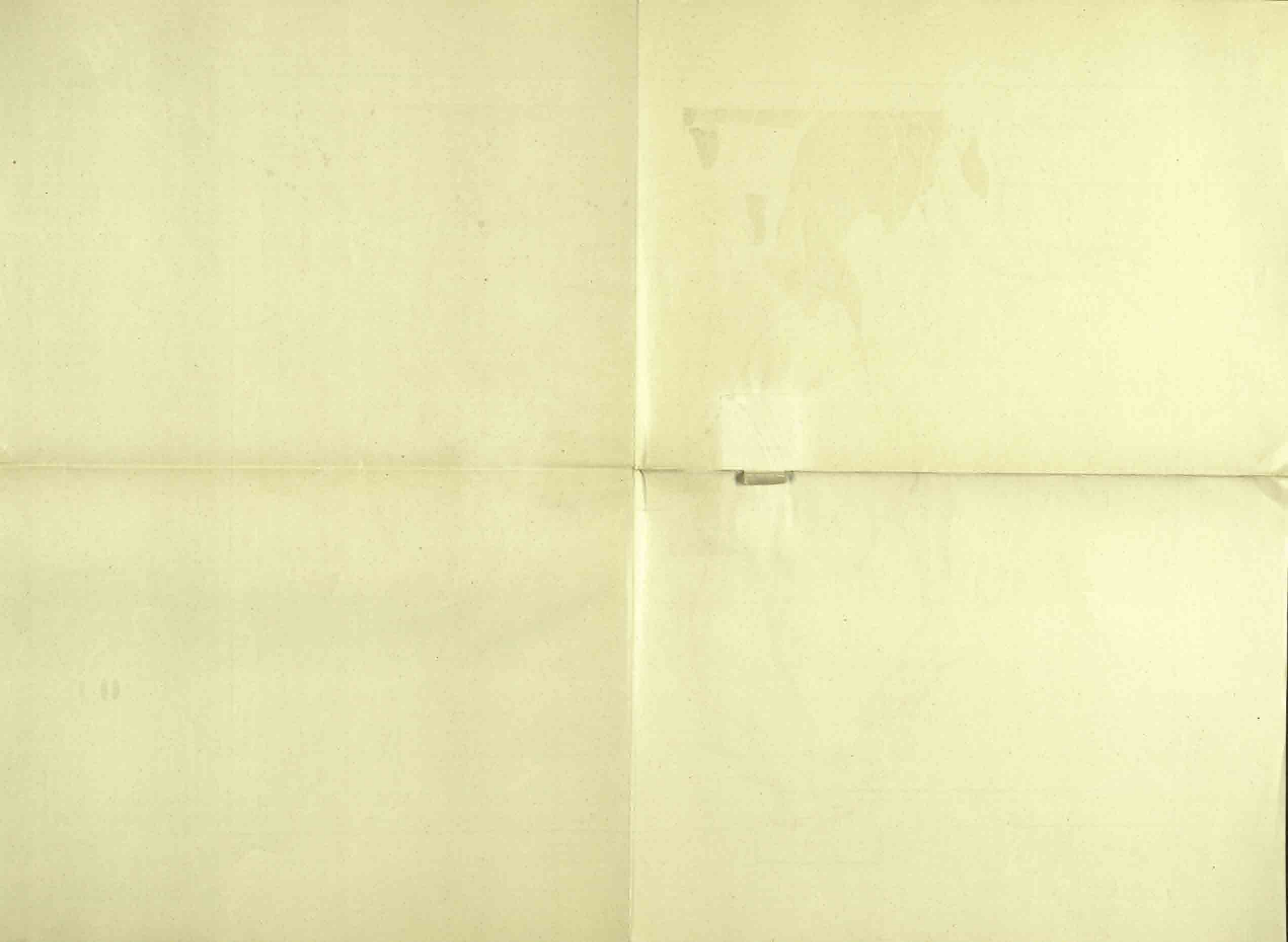
Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein and Md. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of R. B. Lal Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 60 S. E.

NIYA

SERIAL No. 19



W. 1000 8 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

Latitude S.N. Aximuln S.N. Triangulation Stn.

Height: by theodolite by aneroid.

Height: by barometer or hypsometer.

Perpetual snow (approximate).

Drift-sand area.

Erosion terraces. Meaa; Yandang.

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation: unsurveyed.

Edges of cultivation, etc., where surveyed.

Reeds or low scrub: living, dead.

Wandy tract with scrub or jungle.

Tamarisk (sedges) living, dead.

Wild poplars (Toghraks): living, dead.

Tamarisk: living, dead. Conifers.

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Explained of some Turki and Chinese terms.

Streams etc. which generally contain water are shown in blue.

Published under the direction of Colonel Sir S.G. Burrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1: 1014 inches to 8 Miles.

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

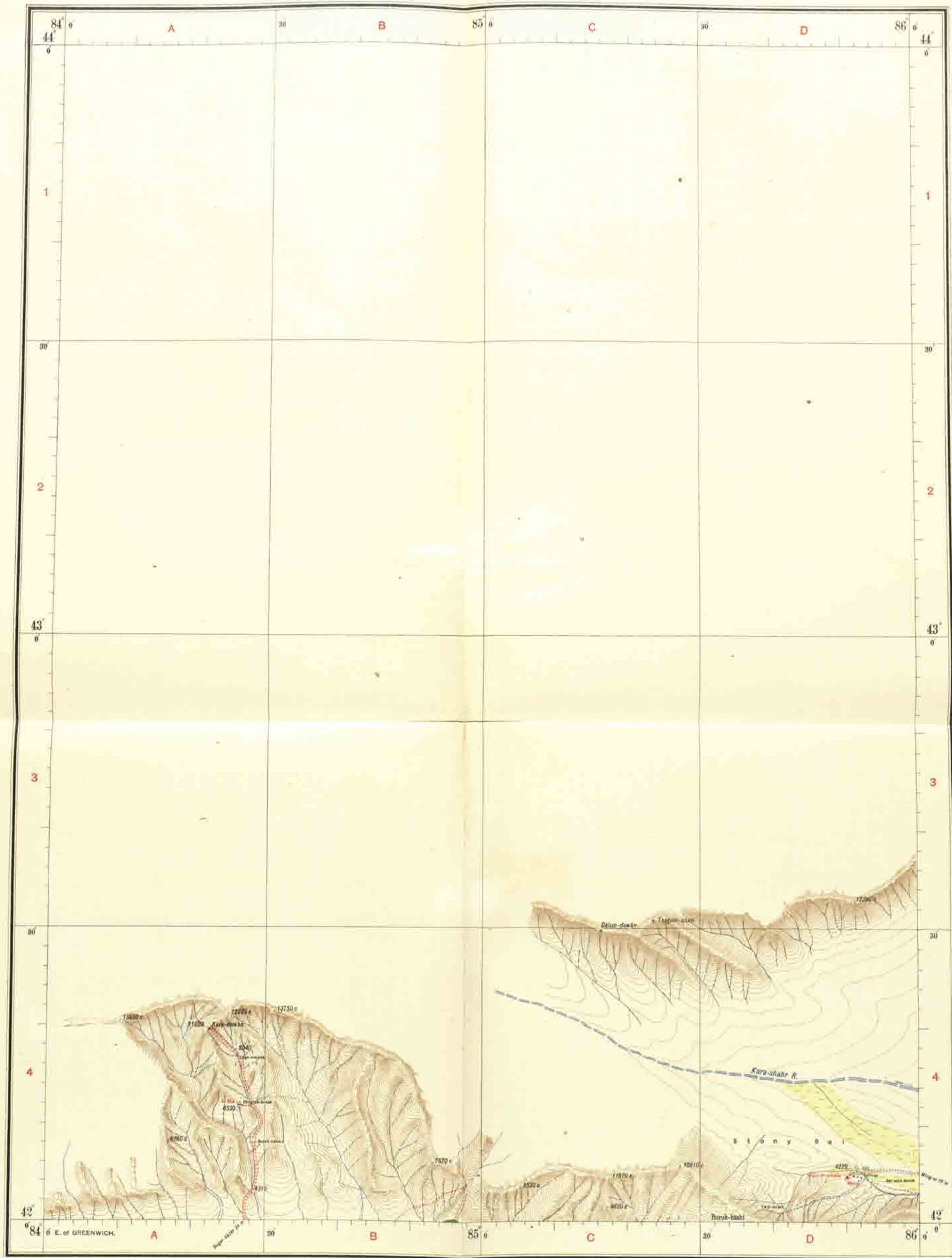
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

KARA-DAWAN, KARA-SHAHR R.

SERIAL No. 20



Scale 1:500,000 or 1:1014 inches to 8 miles

Latitude Sin. Azimuth Sin. Triangulation Sin.

Heights: by theodolite; by aneroid.

Heights: by barometer or hypsometer.

Perpetual snow (approximate).

Drift-sand area.

Erosion terraces. Mesa. Yardang.

Hard salt crust.

Hard salt-encrusted clay.

Soft salt-encrusted clay.

Cultivation: unsurveyed.

Edges of cultivation, etc., where surveyed.

Reeds or low scrub: living; dead.

Sandy tract with scrub or jungle.

Tamarisk: living; dead.

Willow poplars (Tograk): living; dead.

Tamarisks: living; dead. Conifers.

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Published under the direction of Colonel Sir E. G. Barrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, Index to adjoining sheets

1918.

Scale 1:500,000 or 1:1014 inches to 8 miles

Miles 10 20 30 40 50 60 70 80 90 100

Kara-dawan

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

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Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

Kara-shahr R.

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Käl	Lake	P'ao-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuk	Roads	Shan (Chin.)	Mountain
Dawan	Pass	Kurgan	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langzi, Li	First house	Tagh	Mountain
He (Chin.)	River	Mazda, Mr	Saint's tomb	Toghrak	Pool
Jirga, J.	Valley	Miao (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Opchi	Shepherd station	Yalik, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (Stupa)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of R. B. Lal Singh in 1913-15

Copies of this map for reference or use from the Survey of India Office: (Map Room and Book Room), Calcutta. Price: One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

BUGUR, KORLA

SERIAL No. 21



Scale 1:500,000 or 1:104 inches to 8 miles

Latitude 31° Azimuth Stn. Triangulation Stn. 13277

Height: by theodolite, by clinometer 13277

Height: by barometer or hypsometer 13277

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mossi Yändang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub (living, dead)

Sandy tract with scrub or jungle

Tamarisk cones (living, dead)

Wild poplars (Tajikaks): living, dead

Tamarisks (living, dead) Conifers

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Scale 1:500,000 or 1:104 inches to 8 miles

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EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Buak	Spring	Kul, Kūl	Lake	Pao-tzu, Po-tzu	Walled village
Chap	Hill stream	Kum	Road	Sai	Desert of stone or gravel
Deryk	River	Kunmah	Reeds	Shan (Chin.)	Mountain
Dawin	Pass	Kurghān	Tower	Ta-tan (Chin.)	Pass
Qong	Hill	Langer, L	Rest house	Tagh	Mountain
Ho (Chin.)	River	Mazar, Mr	Saint's tomb	Taghruk	Pass
Jilga, J	Valley	Mian (Chin.)	Temple	Ustang	Canal
Karsul	Watch station	Öghil	Shepherd station	Yalpak, Yalgh	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring Well, Kārbz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort; ancient, recent Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (stupa)

Ancient site; watch-tower, Caern

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Abdur Gul in 1913-15

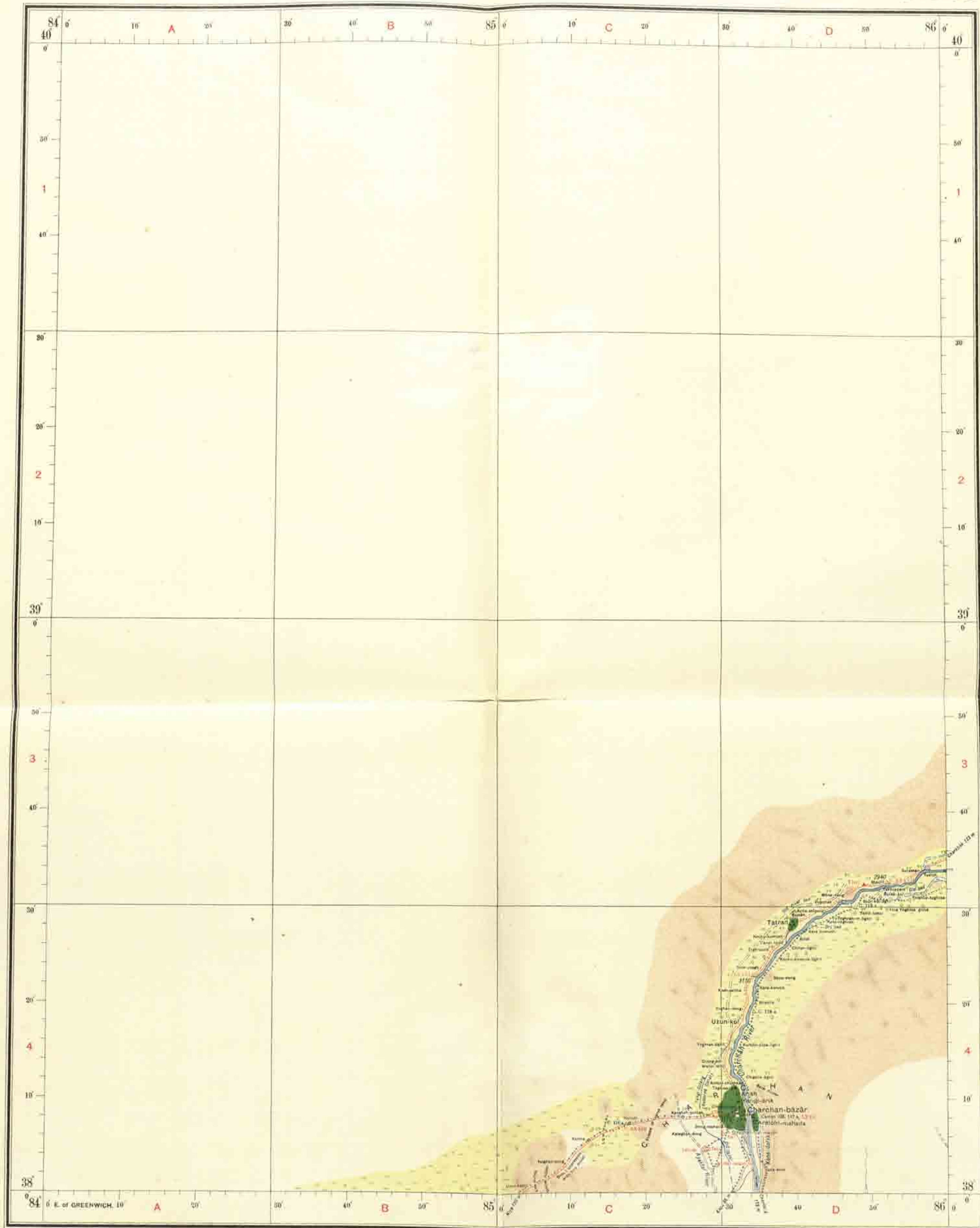
Camps of H. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 N. W.

CHARCHAN

SERIAL No. 22



Scale 1: 500,000 or 1: 625,000
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Scale 1: 500,000 or 1: 625,000
Published under the direction of Colonel Sir S. G. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Latitude Stn. Azimuth Stn. Triangulation Stn. ... 13277, 12300 s
Heights: by theodolite; by clinometer ... 12770
Heights: by barometer or hypsometer ... 12770
Perpetual snow (approximate) ...
Drift-sand area ...
Erosion terraces: Meas, Yandang ...
Hard salt crust ...
Hard salt-encrusted clay ...
Soft salt-encrusted clay ...
Cultivation: unurveyed ...
Edges of cultivation, etc., where surveyed ...
Reeds or low scrub: living; dead ...
Sandy tract with scrub or jungle ...
Tamarisk: living; dead ...
Wild poplars (Tograks): living; dead ...
Tamarisks: living; dead. Conifers ...

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Published under the direction of Colonel Sir S. G. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.
Scale 1: 500,000 or 1: 625,000
Published under the direction of Colonel Sir S. G. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

EXPLANATION OF SOME TUNGI AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	P'ao-tzu, Py-tzu	Walled village (Chin.)
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumash	Reeds	Shan (Chin.)	Mountain
Damir	Pass	Karghan	Tower	Ta-han (Chin.)	Pass
Ding	Hill	Langer, Lr	Rest house	Tagh	Mountain
Ho (Chin.)	River	Mazir, Mr.	Saint's tomb	Tograk	Poplar
Jiga, J.	Valley	Miao (Chin.)	Temple	Ustang	Canal
Kargul	Watch station	Oghil	Shepherd station	Talak, Yalagh	Grazing ground

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Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stupa)
Ancient site: watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
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Camps of Sir A. Stein or Md. Yakub Khan in 1913-15
Camps of Sir A. Stein and Afriz Gull in 1913-15
Camps of R. B. Lal Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

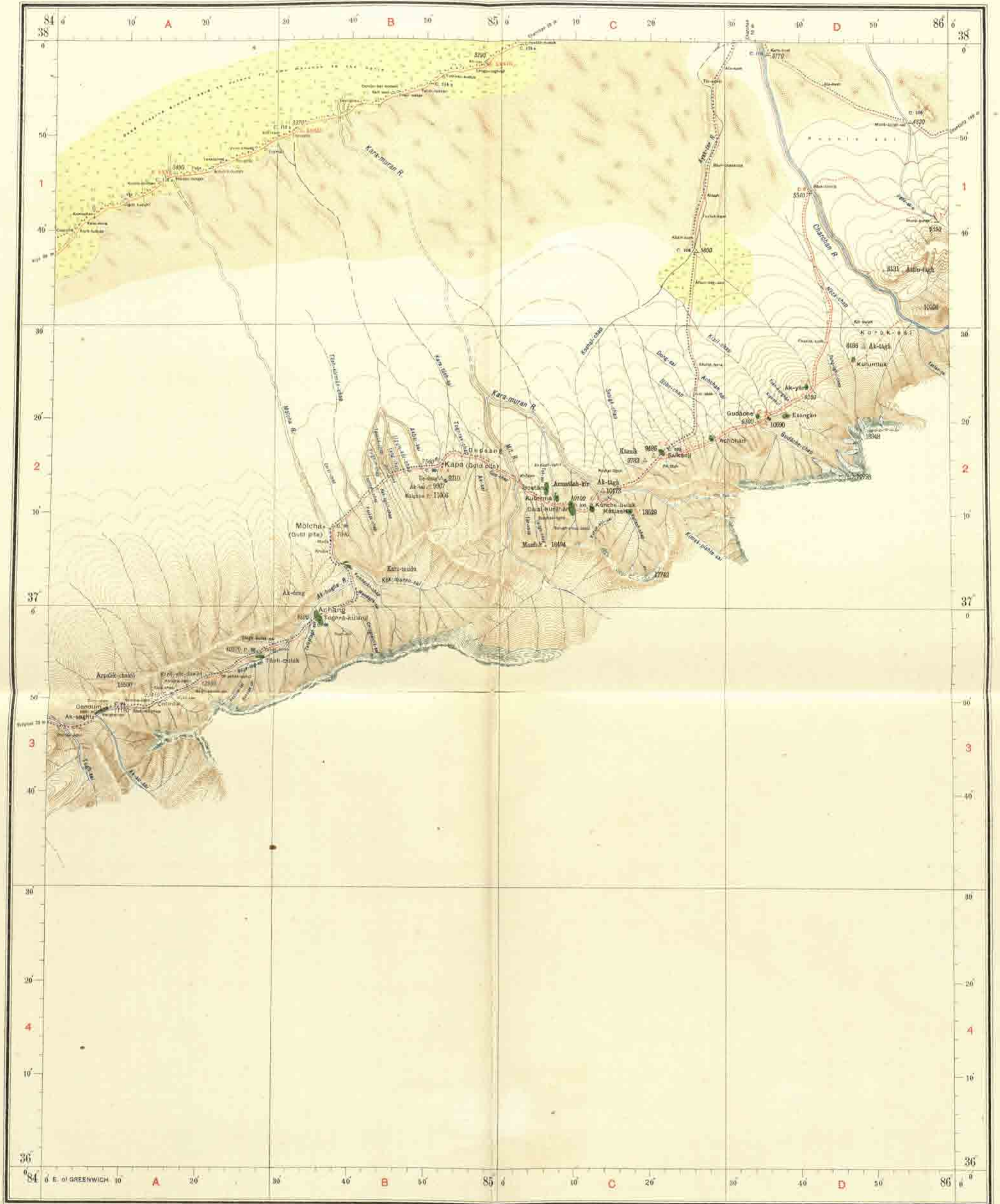
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 S. W.

KAPA, ACHCHAN

SERIAL No. 23



Scale 1:500,000 or 1:1014 inches to 8 Miles

Latitude Sin. Azimuth Sin. Triangulation Sin. ... 13277 ... 13279

Heights: by theodolite; by aneroid ... 13277 ... 13279

Heights: by barometer or hypsometer ... 13277 ... 13279

Perpetual snow (approximate) ...

Drift-sand area ...

Erosion terraces: Mesa; Yardang ...

Hard salt crust ...

Hard salt-encrusted clay ...

Soft salt-encrusted clay ...

Cultivation unsurveyed ...

Edges of cultivation, etc., where surveyed ...

Reeds or low scrub living; dead ...

Sandy tract with scrub or jungle ...

Tamarisk cones: living; dead ...

Willow poplars (Tograski): living; dead ...

Tamarisks: living; dead; Conifers ...

Index to localities



Published under the direction of Colonel Sir S. G. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1:500,000 or 1:1014 inches to 8 Miles

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EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bayrak	Sitting	Kul, Kan	Lake	P'ao-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuk	Road	Shan (Chin.)	Mountain
Dakka	Pass	Kuzhan	Tower	Ta-fan (Chin.)	Pass
Dung	Hill	Langer, Le	Not known	Tapi	Mountain
Ho (Chin.)	River	Mazar, Mr.	Saint's tomb	Toghrak	Poplar
Jilga, J.	Valley	Miao (Chin.)	Temple	Uzang	Canal
Karaul	Watch station	Oghul	Zingherd station	Yaltak, Yaltagh	Grazing ground

Streams etc. which generally contain water are shown in blue

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Temple, Muhammadan shrine, Sacred tomb ...

Fort: ancient; recent; Mine ...

Temporarily occupied hut ...

Frontier wall: ancient; recent ...

Walled town: extant; ruined; Ruined mound (Stupa) ...

Ancient site; watch-tower; Camp ...

Route with camp, 1900-01 ...

Route with camp, 1906-08 ...

Route with camp, 1913-15 ...

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15 ...

Camps of Sir A. Stein with Atter Gao in 1913-15 ...

Camps of R. B. Lal Singh in 1913-15 ...

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

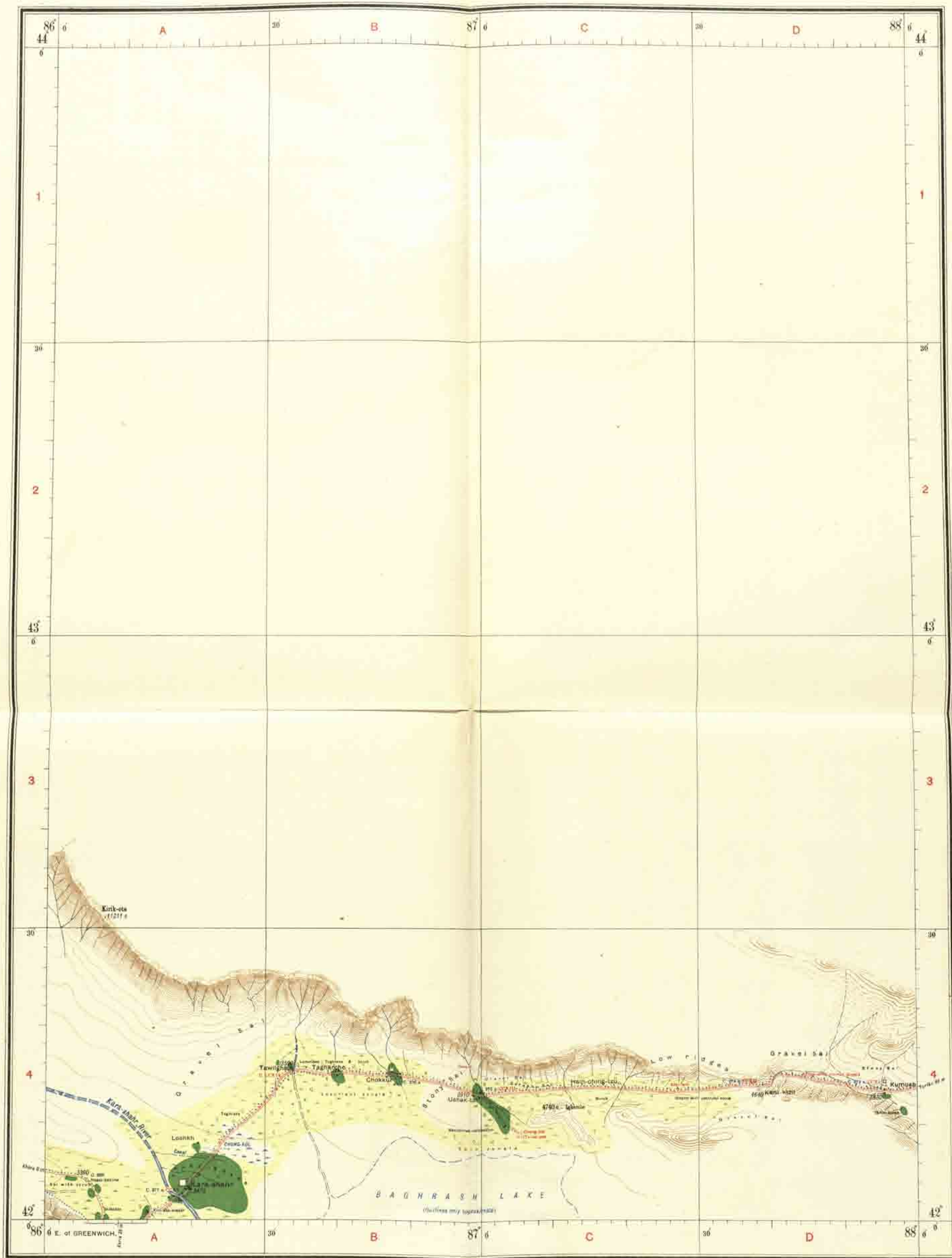
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

KARA-SHAHR.

SERIAL No. 24



Scale 1:500,000 or 1:614 inches to 8 miles

Published under the direction of Colonel Sir S. G. Burdard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.

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Spring, Well: Kara

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort; ancient; recent; Mine

Temporarily occupied hut

Frontier wall; ancient; recent

Walled town; extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alauz Gul in 1913-15

Camps of Ft. B. Lai Singh in 1913-15

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Buik	Spring	Kul, Khl	Lake	P'an-tzu, Pu-tzu	Walled village
Chau	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumuk	Hamlet	Shan (Chin.)	Mountain
Dawan	Pass	Kurgha	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Lingar, Li	Hut house	Tagh	Mountain
Ho (Chin.)	River	Mazur, Ma	Saint's tomb	Taghak	Poplar
Jiga, J	Valley	Miao (Chin.)	Tumult	Uelung	Canal
Kanzul	Watch station	Qghit	Chapman station	Yelik, Yelagh	Grazing ground

Streams etc. which generally contain water are shown in blue

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

KONCHE-DARYA

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 25

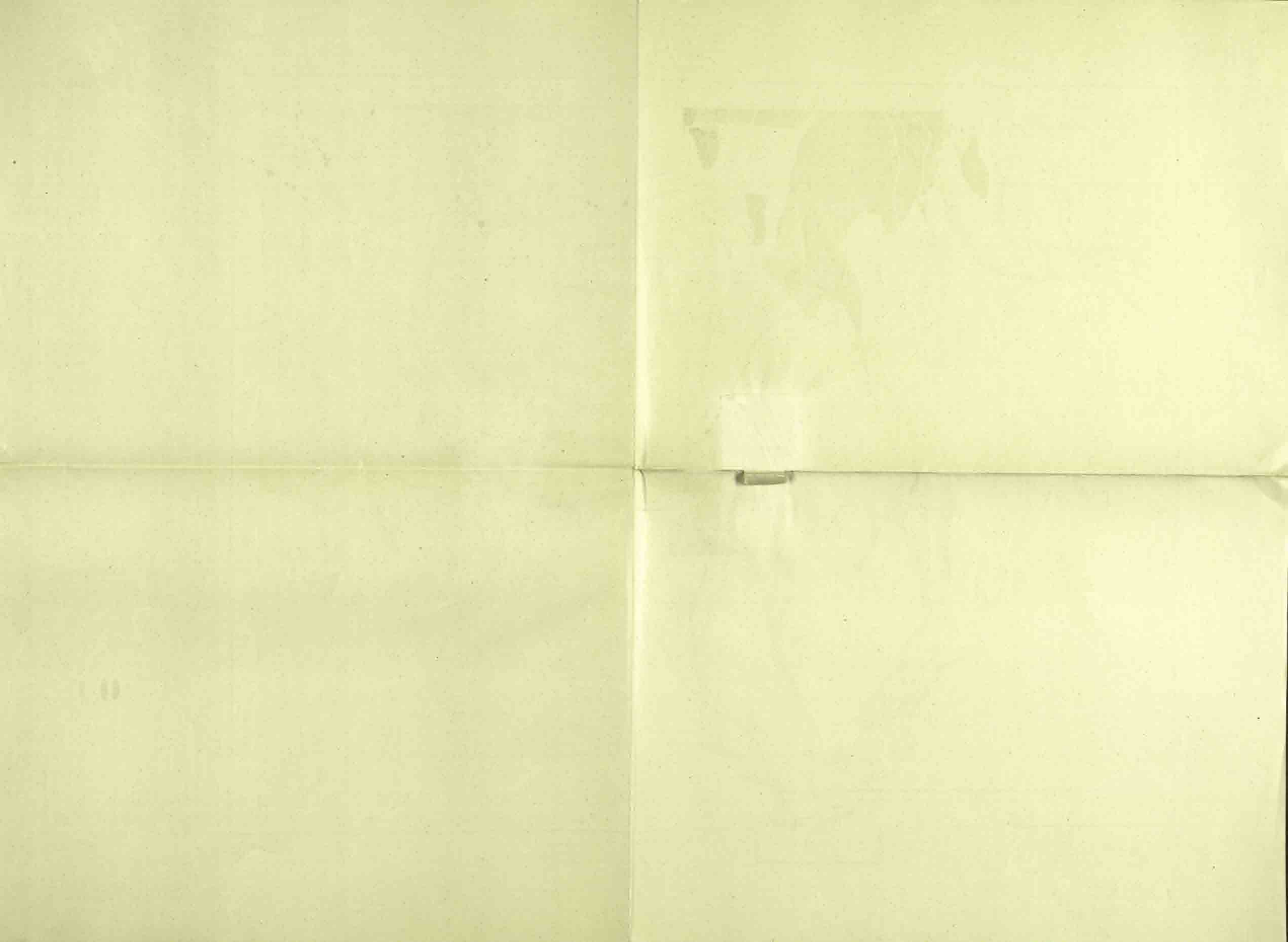


Latitude Stn. Azimuth Stn. Triangulation Stn.	Index to localities	Published under the direction of Colonel Sir S. D. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1918.	Index to adjoining sheets	Spring, Well, Karez
Heights: by theodolite, by aneroid		Scale 1:500,000 or 1:914 inches to 5 Miles		Main road
Heights: by aneroid or hypsometer				Other roads and paths with pass
Perpetual snow (approximate)				Telegraph line
Orchard area				Temple, Muhammadan shrine, sacred lane
Erosion terraces: Mesa, Yardang				Fort, ancient; recent. Mine
Hard salt crust				Temporarily occupied hut
Hard salt-encrusted clay				Frontier wall: ancient; recent
Soft salt-encrusted clay				Walled town: extant; ruined, ruined mound (stupa)
Cultivation: unsurveyed				Ancient site; watch-tower, camp
Edges of cultivation, etc., where surveyed				Route with camp, 1900-01
Reeds or low scrub (living, dead)				Route with camp, 1906-08
Sandy tract with scrub or jungle				Route with camp, 1913-15
Tamarisk cones, living, dead				Camps of Sir A. Stein or Md. Yakub Khan in 1913-15
Wild poplars (Taghaks), living, dead				Camps of Sir A. Stein and Mr. Gul in 1913-15
Tamarisks: living, dead; Conifers				Camps of R. B. Lal Singh in 1913-15

EXPLANATION OF SOME TURK AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	Pao-tzu, Pu-tzu	Walled village
Chau	Hill stream	Kum	Sand	Shan (Chin)	Desert of saline or gravel
Darya	River	Kumuk	Reeds	Ta-shan (Chin)	Pass
Dawin	Pass	Kurghin	Tower	Tagh	Mountain
Dong	Hill	Langer, Li	Road house	Toghrak	Poplar
Ha (Chin)	River	Mazar, Mr	Saint's tomb	Ustang	Canal
Higo, J.	Valley	Miao (Chin)	Temple	Yalak, Yalagh	Grazing ground
Karaul	Watch station	Ughu	Smoking station		

Streams etc. which probably contain water are shown in blue



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

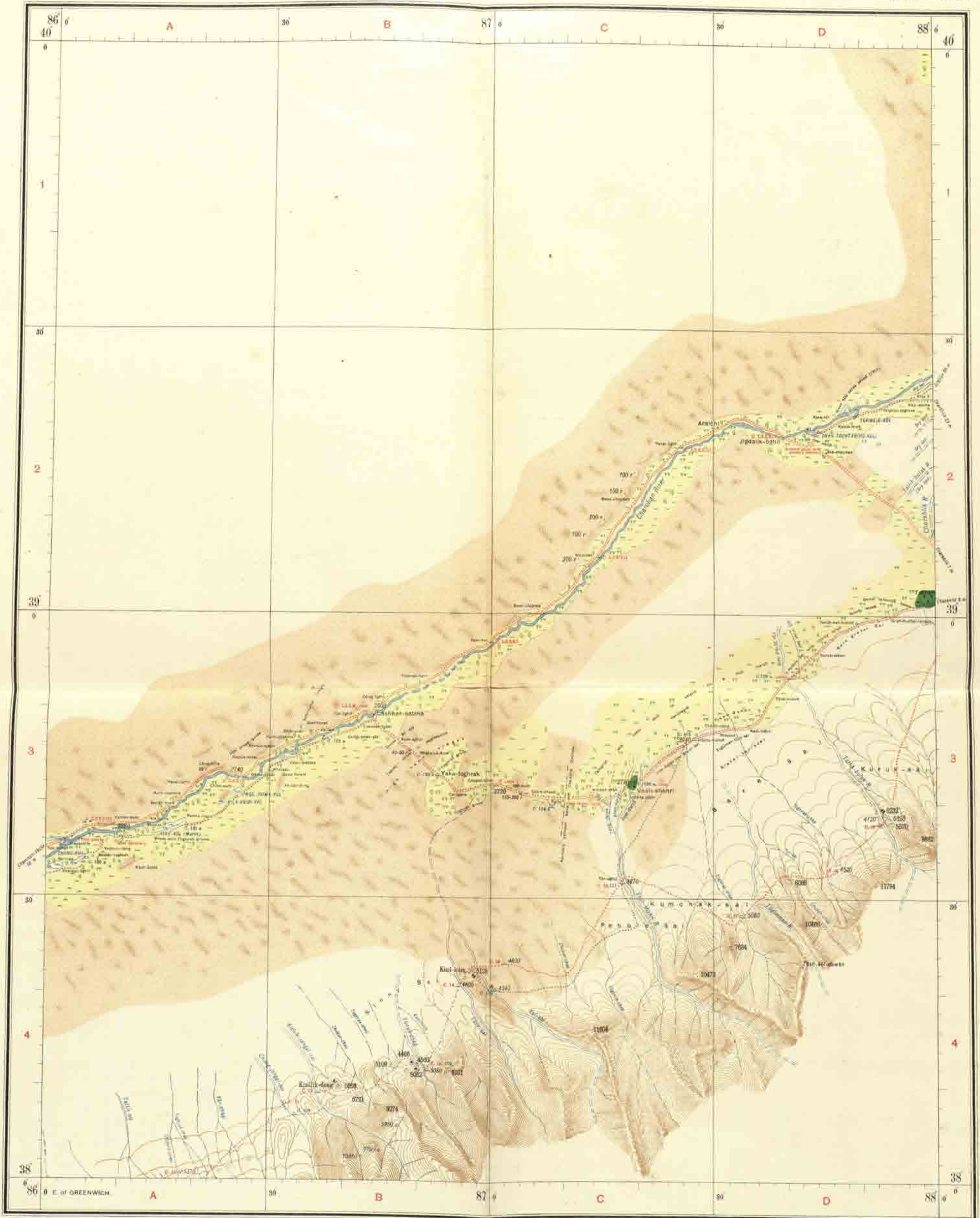
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 69 N. E.

VĀSH-SHAHRI

SERIAL No. 26



Latitude 6th Azimuth 8th Triangulation 9th
Heights by theodolite by clinometer 1327 1250
Heights by barometer or hypsometer 1279
Perpetual snow (approximate)
Drift sand area
Erosion terraces: Mead, Vardang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc. where surveyed
Reeds or low scrub: living, dead
Sandy tract with scrub or jungle
Tamarisk: living, dead
Wild poplars (Teghaks): living, dead
Tamarisks: living, dead, Codifera

Index to localities



Published under the direction of Colonel Sir S. G. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

Scale 1:500,000 or 1:014 inches to 5 miles.

EXPLANATION OF SOME TURK AND CHINESE TERMS

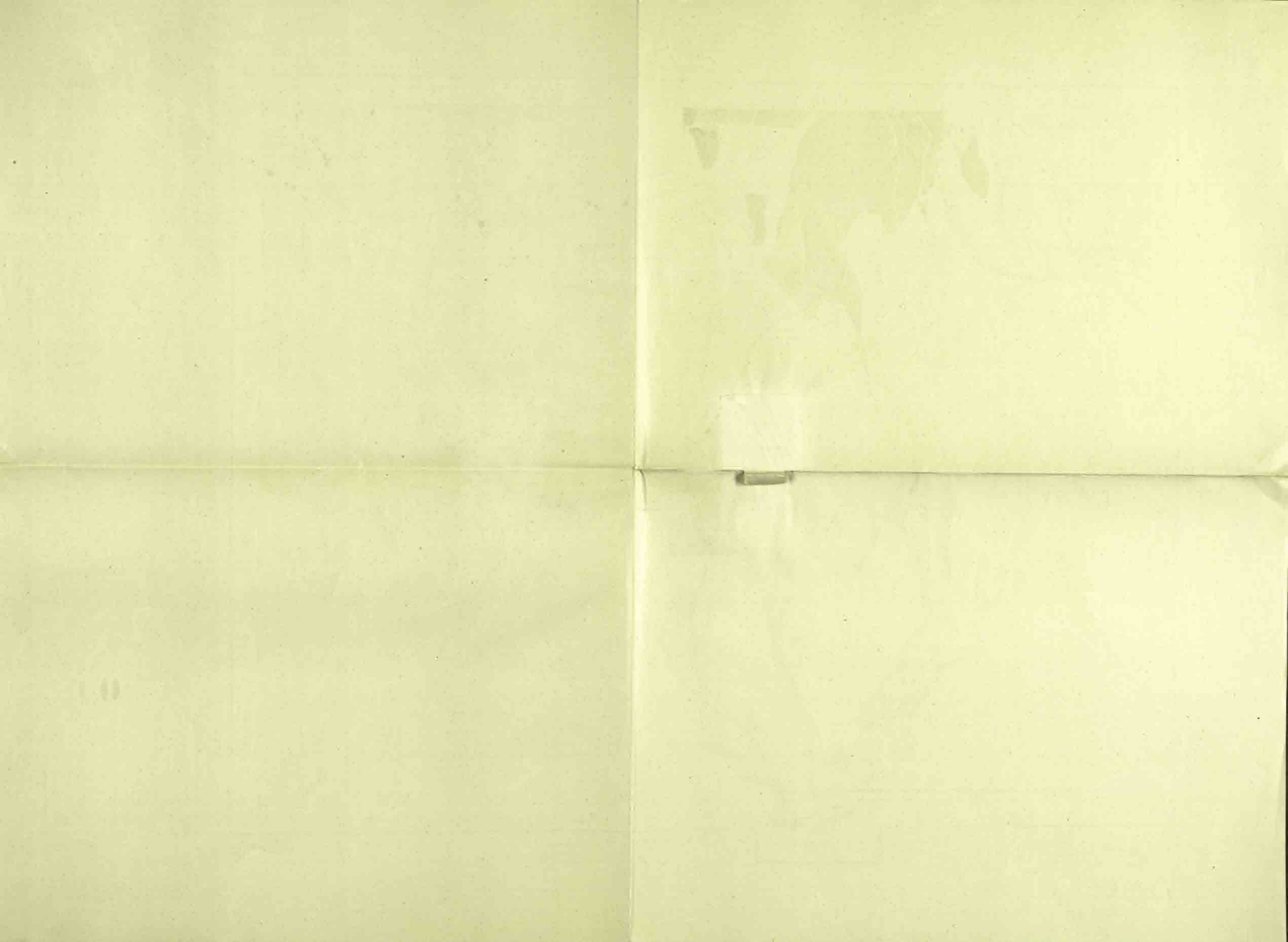
Burak	Spring	Kul, Kul	Lake	Pan-tzu, Pan-tzu	Walled village
Chai	Hill stream	Kum	Small	Sai	Desert of stone or gravel
Darya	River	Kumuk	Reeds	Shan (Chin.)	Mountain
Qayan	Pass	Kungun	Tower	Tu-shan (Chin.)	Pass
Qung	Hill	Langer, Li	Red house	Tigh	Mountain
Ho (Chin.)	River	Mazin, Mr.	Saint's tomb	Togir	Pass
Jhig, J.	Valley	Miao (Chin.)	Temple	Utang	Canal
Kangul	Watch station	Oghil	Shepherd station	Yalak, Yelagh	Grazing ground

Streams etc. which generally contain water are shown in blue.

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Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient; recent; Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruins; Ruined mound (Stupa)
Ancient site; watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15
Camps of Sir A. Stein and Afrās Qul in 1913-15
Camps of R. B. Lal Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

KHADALIK.

SERIAL No. 27

SURVEY OF INDIA No. 69 S. E.



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Latitude S. Azimuth S. Triangulation S.	13277	12200
Heights: by theodolite; by barometer	13277	12200
Heights: by barometer or hypsometer	13277	12200
Perpetual snow (approximate)		
Drift-sand area		
Erosion terraces: Mesa; Yardang		
Hard salt crust		
Hard salt-encrusted clay		
Soft salt-encrusted clay		
Cultivation unsurveyed		
Edges of cultivation, etc., where surveyed		
Reeds or low scrub: living; dead		
Sandy tract with scrub or jungle		
Tamarisk cones: living; dead		
Wild poplars (Tograks): living; dead		
Tamarisks: living; dead; Conifers		

Published under the direction of Colonel Sir S. G. Barrard, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

Scale 1: 500,000 or 1:614 inches to 8 miles.

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulek	Spring	Kul, Kul	Lake	P'ao-tzu, Pu-tzu	Walled village (Chin.)
Chap	Hill stream	Kum	Sand	Sal	Desert of stone or gravel
Darya	River	Kumush	Roads	Shan (Chin.)	Mountain
Dawin	Pass	Kurghan	Tower	Te-lin (Chin.)	Pass
Dong	Hill	Langan, Le	Rail house	Tagh	Mountain
Ho (Chin.)	River	Mazar, M.	Saint's tomb	Toghrak	Poster
Jilga, J.	Valley	Miao (Chin.)	Temple	Ustang	Canal
Karaul	Watch station	Oghil	Shepherd's station	Yailak, Yailagh	Strazing ground

Streams etc. which generally contain water are shown in blue

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25	27	29

Spring, Well, Karez	
Main road	
Other roads and paths with pass	
Telegraph line	
Temple, Muhammadan shrine, Sacred tomb	
Fort: ancient; recent. Mine	
Temporarily occupied hut	
Frontier wall: ancient; recent	
Walled town: extant; ruined. Ruined mound (Gulpa)	
Ancient site; watch-tower, Cairn	
Route with camp, 1900-01	
Route with camp, 1906-08	
Route with camp, 1913-15	
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15	
Camps of Sir A. Stein and Afriz Gul in 1913-15	
Camps of R. B. Lal Singh in 1913-15	

Copies of this map can be obtained on request from the Survey of India, Office (Map Section and Issue Branch), Calcutta. Price—One Rupee.

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

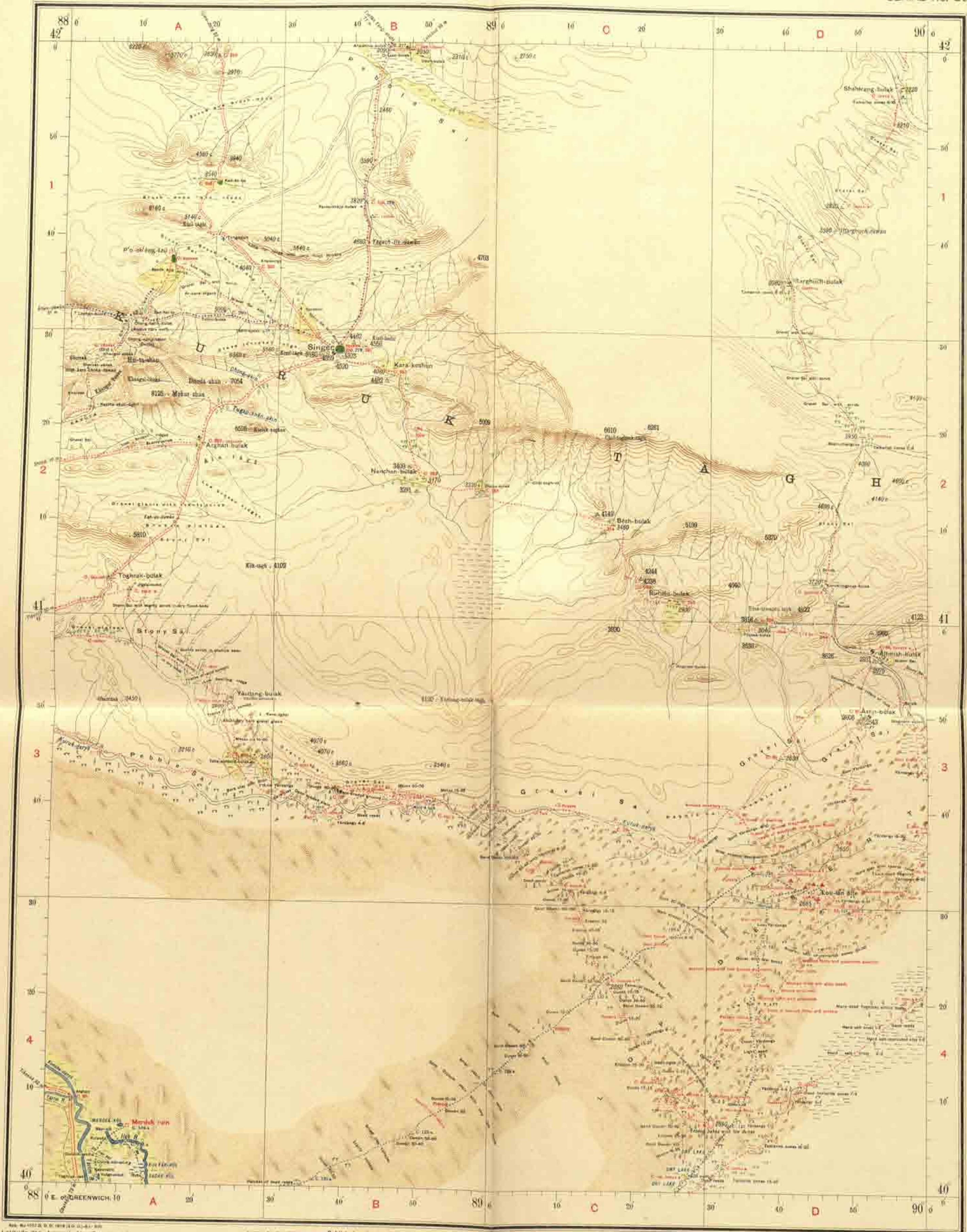
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15,

SINGER, LOU-LAN

PART OF SHEET No. N. K-45
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 29



Scale 1:500,000 or 1:614 inches to 6 miles

Latitude 36° N. Azimuth 90° Triangulation 91°

Height by aneroid by aneroid 12777 12770

Height by aneroid or hypsometer 12770

Perpetual snow (approximate)

Drift sand area

Erosion terraces: Mesa, Yungang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living: dead

Sandy tract with scrub or jungle

Tamarisk: living: dead

Wild poplars (Toghrak): living: dead

Tamarisk: living: dead. Conifers

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Published under the direction of Colonel Sir S. G. Burrows, K.C.S.I., R.E., F.R.S., Survey General of India, 1918.

Scale 1:500,000 or 1:614 inches to 6 miles

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Scale 1:500,000 or 1:614 inches to 6 miles

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Spring Well, Kānā

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, Ruined mound (Stūpa)

Ancient site; watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein and Mr. Yü-kü Khan in 1913-15

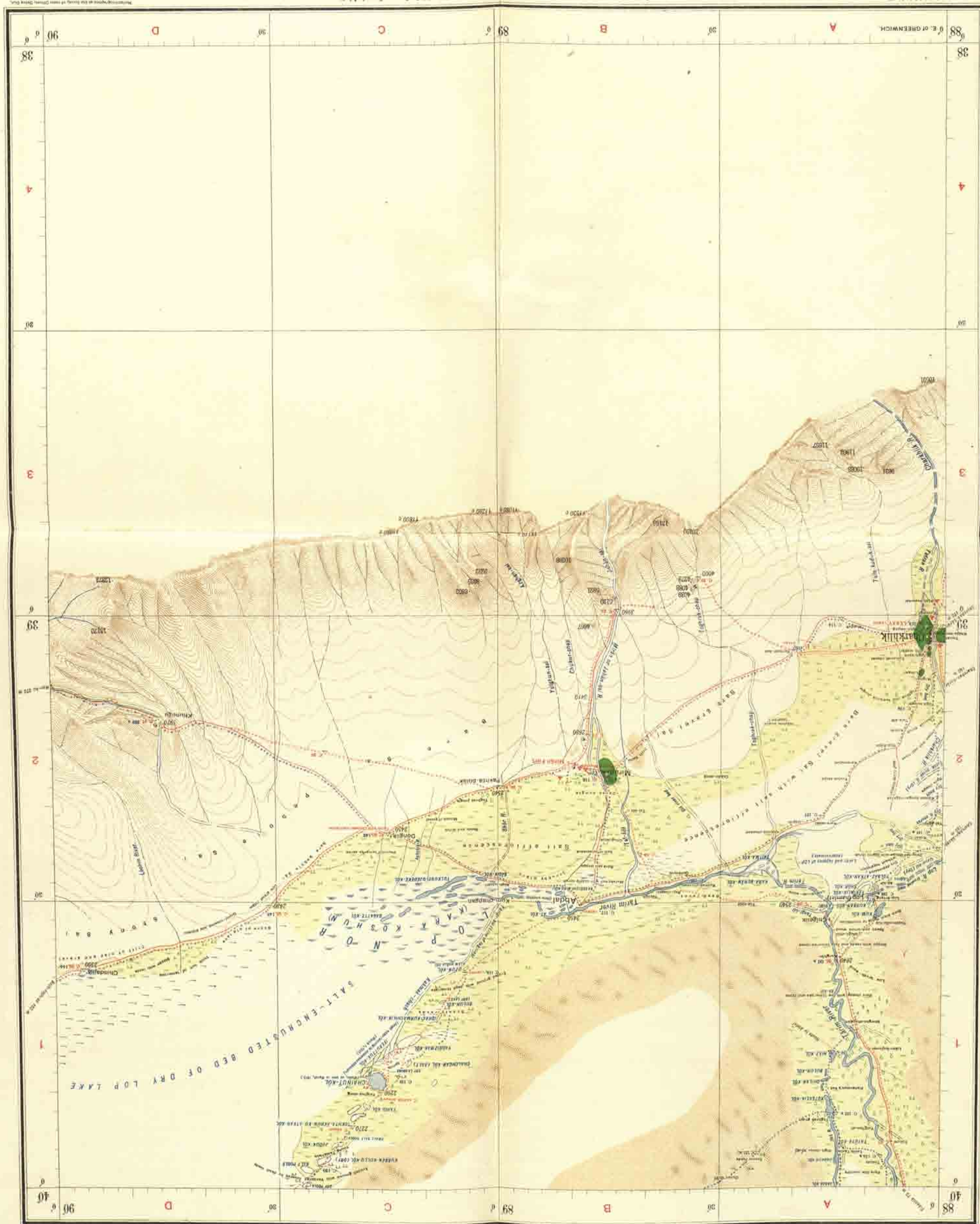
Camps of Sir A. Stein and Mr. Yü-kü Khan in 1913-15

Camps of Sir A. Stein and Mr. Yü-kü Khan in 1913-15

Camps of Sir A. Stein and Mr. Yü-kü Khan in 1913-15

Camps of Sir A. Stein and Mr. Yü-kü Khan in 1913-15

Camps of Sir A. Stein and Mr. Yü-kü Khan in 1913-15



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1918.

Scale 1: 900,000 or 1:014 inches to 5 miles

0 100 Miles

0 1 2 3 4 5 Miles

EXPLANATION OF SOME TURKISH AND CHINESE TERMS

Spring Well, Kariz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine. Sacred tomb

Fort, ancient; recent Mine

Temporarily occupied hut

Frontier wall, ancient; recent

Well(s) town; distant; ruined. Ruined mound (Silma)

Ancient site; watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Maj. Yakub Khan in 1913-15

Camps of Sir A. Stein and Abdul Gai in 1913-15

Camps of Sir H. L. Smith in 1913-15

to adjoining areas

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28	30	29
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marks: living; dead. Conifers
and poplars (Toigheika). living; dead
marks; cones. living; dead
study tract with sand or jungle
beds or low scrub. living; dead
ages of cultivation, etc. where surveyed
cultivation; unharvested
nit. salt-encrusted clay
nit. salt-encrusted clay
nit. salt crust
cation terraces. Meen, Yadanag
nit-sand area
fertilizer (approximate)
sights by barometer or hypsometer
sights by theodolite; by clinometer
lunds etc. Ashvut etc. Tsiangulata etc. (approximate)
index to localities

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PICHAN, CHIK-TAM.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

SERIAL No. 31



Latitude Stn. Azimuth Stn. Triangulation Stn. ...
Heights: by theodolite; by clinometer ... 13277 ... 12389 e ...
Heights: by barometer or hypsometer ... 12770 ...
Perpetual snow (approximate) ...
Drift sand area ...
Erosion terraces: Mesa; Várang ...
Hard salt crust ...
Hard salt-encrusted clay ...
Soft salt-encrusted clay ...
Cultivation, unsurveyed ...
Edges of cultivation, etc., where surveyed ...
Reeds or low scrub: living; dead ...
Sandy tract with scrub or jungle ...
Tamarisk cones: living; dead ...
Wild poplars (Toghra) living; dead ...
Tamarisks: living; dead. Conifers ...

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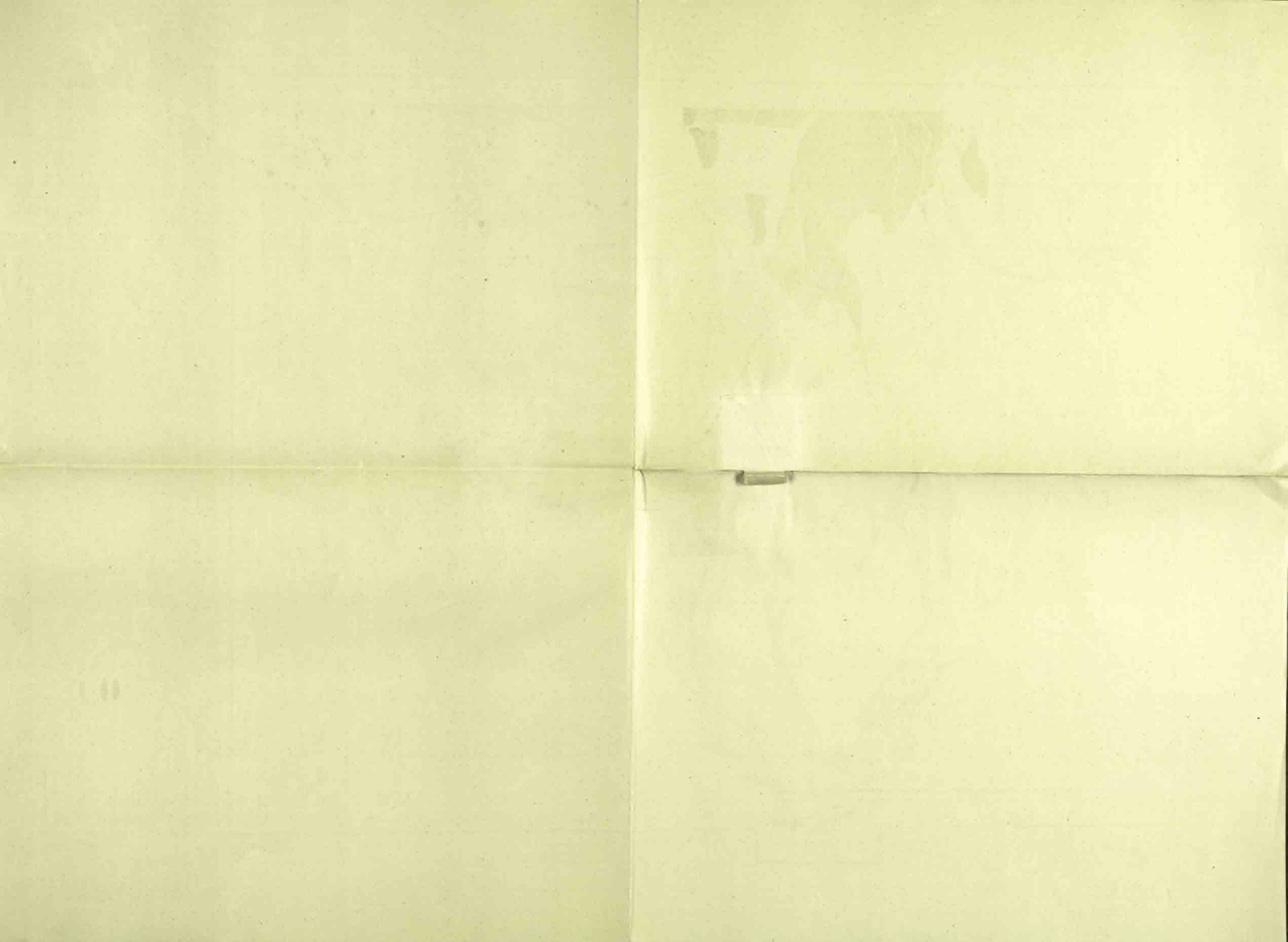
Scale 1: 500,000 or 1:514 inches to 8 miles.

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	P'ao-tzu, Pa-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumush	Road	Shan (Chin.)	Mountain
Dawin	Pass	Kurgan	Tower	Ts'ao (Chin.)	Pass
Dong	Hill	Langer, Lr.	Rest house	Tagh	Mountain
Ho (Chin.)	River	Makir, Mr.	Saint's tomb	Taghak	Poplar
Yik, 4	Valley	Mian (Chin.)	Temple	Ustang	Camel
Kasul	Walled station	Oghli	Shower station	Yalik, Yallagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets: Spring, Well, Karéz ...
Main road ...
Other roads and paths with pass ...
Telegraph line ...
Temple: Muhammadan shrine, sacred tomb ...
Fort: ancient, recent. Mine ...
Temporarily occupied hut ...
Frontier wall: ancient, recent ...
Walled town: extant, ruined. Ruined mound (stupa) ...
Ancient site; watch-tower. Cairn ...
Route with camp, 1900-01 ...
Route with camp, 1906-08 ...
Route with camp, 1913-15 ...
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15 ...
Camps of Sir A. Stein and Afráz Gul in 1913-15 ...
Camps of R. B. Lal Singh in 1913-15 ...



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

ANCIENT LOP LAKE BED.

SERIAL No. 32



Scale 1:500,000 or 1:1014 inches to 5 miles

Latitude 31° N. Azimuth 31° Triangulation 31°

Heights by barometer or by aneroid 13277 12300

Heights by barometer or by aneroid 12770

Perpetual snow (approximate)

Drift sand area

Erosion terraces: Meia; Yüding

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub living dead

Sandy tract with scrub or jungle

Tamarisk cones: living dead

Wild poplars (Tofirake): living dead

Tamarisks: living dead Coriaria

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Scale 1:500,000 or 1:1014 inches to 5 miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Brink	Spring	Kul, Kh.	Lake	P'in-tzu, Pu-tzu (Chin.)	Walled village
Chai	Hill stream	Kum	Sand	Sal	Desert of stone or gravel
Darya	River	Kumash	Home	Shak (Chin.)	Mountain
Dawan	Pass	Kurgan	Fort	Ty-fu (Chin.)	Pass
Dung	Hill	Lungar, Lo	Real town	Tagh	Mountain
Hs (Chin.)	River	Mazir, Mr.	Sacred tomb	Toghra	Pass
Jilin, J	Yalley	Ming (Chin.)	Temple	Uiang	Canal
Karaul	Watch station	Oghil	Shepherd station	Taike, Talingh	Grazing ground

Streams etc. which generally contain water are shown in blue

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Spring Well, Kärz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent, mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, ruined mound (Süpa)

Ancient site, watch-tower, cairn

Route with camp, 1900-01

Route with camp, 1905-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakub Khan in 1913-15

Camps of Sir A. Stein and Afriz Gul in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

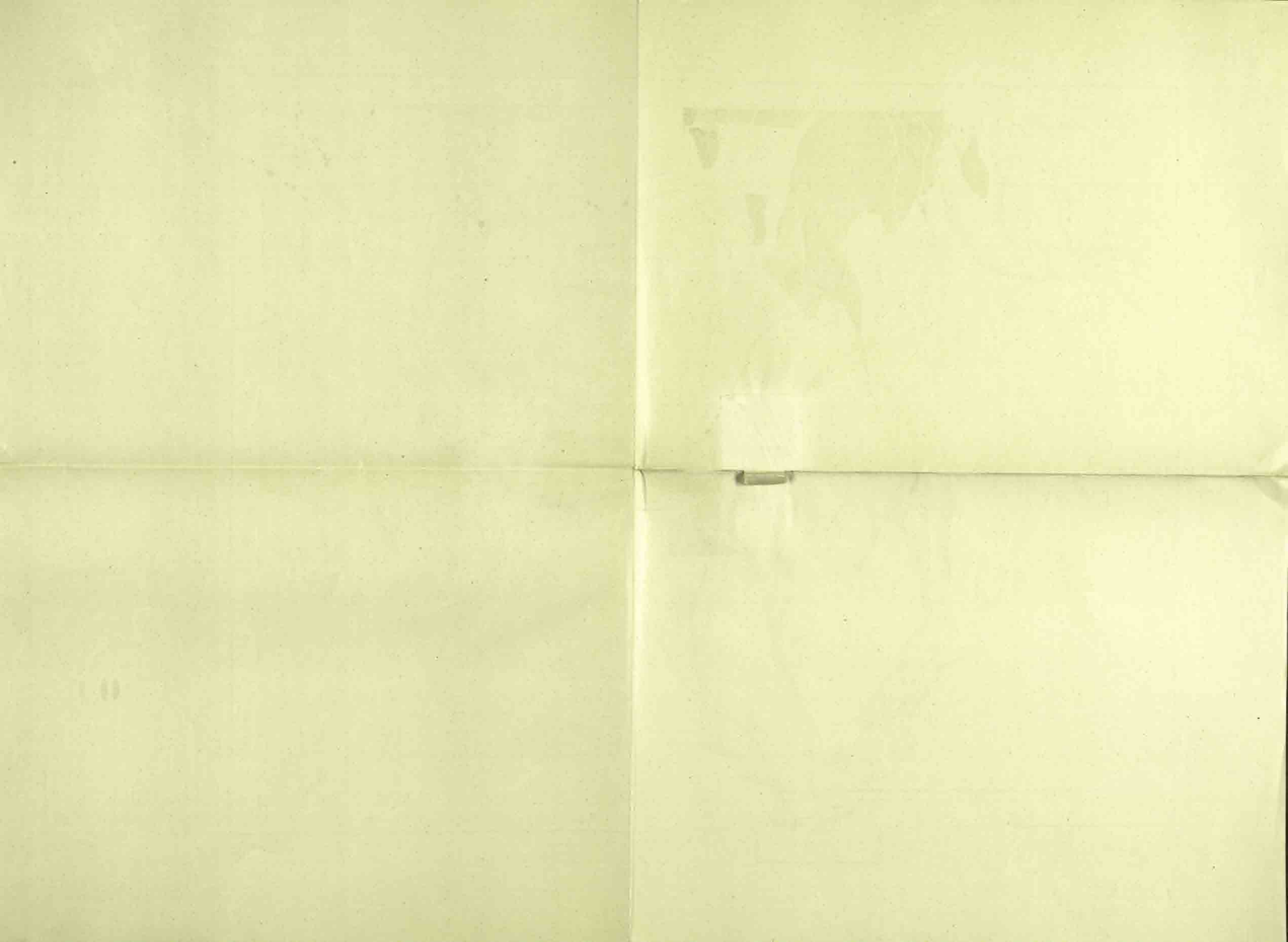
Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

ANCIENT LOP LAKE BED.

SERIAL No. 32



Scale 1:500,000 or 1:1014 inches to 5 miles

Latitude 36° N. Azimuth 30° Triangulation 30°

Heights by barometer or by aneroid 13277 12300

Heights by barometer or by aneroid 12770

Perpetual snow (approximate)

Drift sand area

Erosion terraces: Meia; Yüdsang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub living dead

Sandy tract with scrub or jungle

Tamarisk cones: living dead

Wild poplars (Tofiraks): living dead

Tamarisks: living dead Conifers

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Published under the direction of Colonel Sir S. B. Burdett, K.C.S.I., R.E., F.R.S., Surveyor General of India, 1915.

Scale 1:500,000 or 1:1014 inches to 5 miles

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Scale 1:500,000 or 1:1014 inches to 5 miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Brink	Spring	Kul, Kh.	Lake	P'in-tzu, Pu-tzu (Chin.)	Walled village
Chai	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumash	Home	Shak (Chin.)	Mountain
Dawan	Pass	Kurgan	Tower	Ta-fu (Chin.)	Pass
Dung	Hill	Langsh, Lo	Real town	Tagh	Mountain
Hs (Chin.)	River	Mazir, Mr.	Sacred tomb	Toghra	Pass
Jilin, J.	Valley	Ming (Chin.)	Temple	Quang	Canal
Karaul	Watch station	Oghul	Shepherd station	Taitas, Taitagh	Grazing ground

Streams etc. which generally contain water are shown in blue

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Spring Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent, mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, ruined, ruined mound (Stupa)

Ancient site: watch-tower, cairn

Route with camp, 1900-01

Route with camp, 1905-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Afriz Gul in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

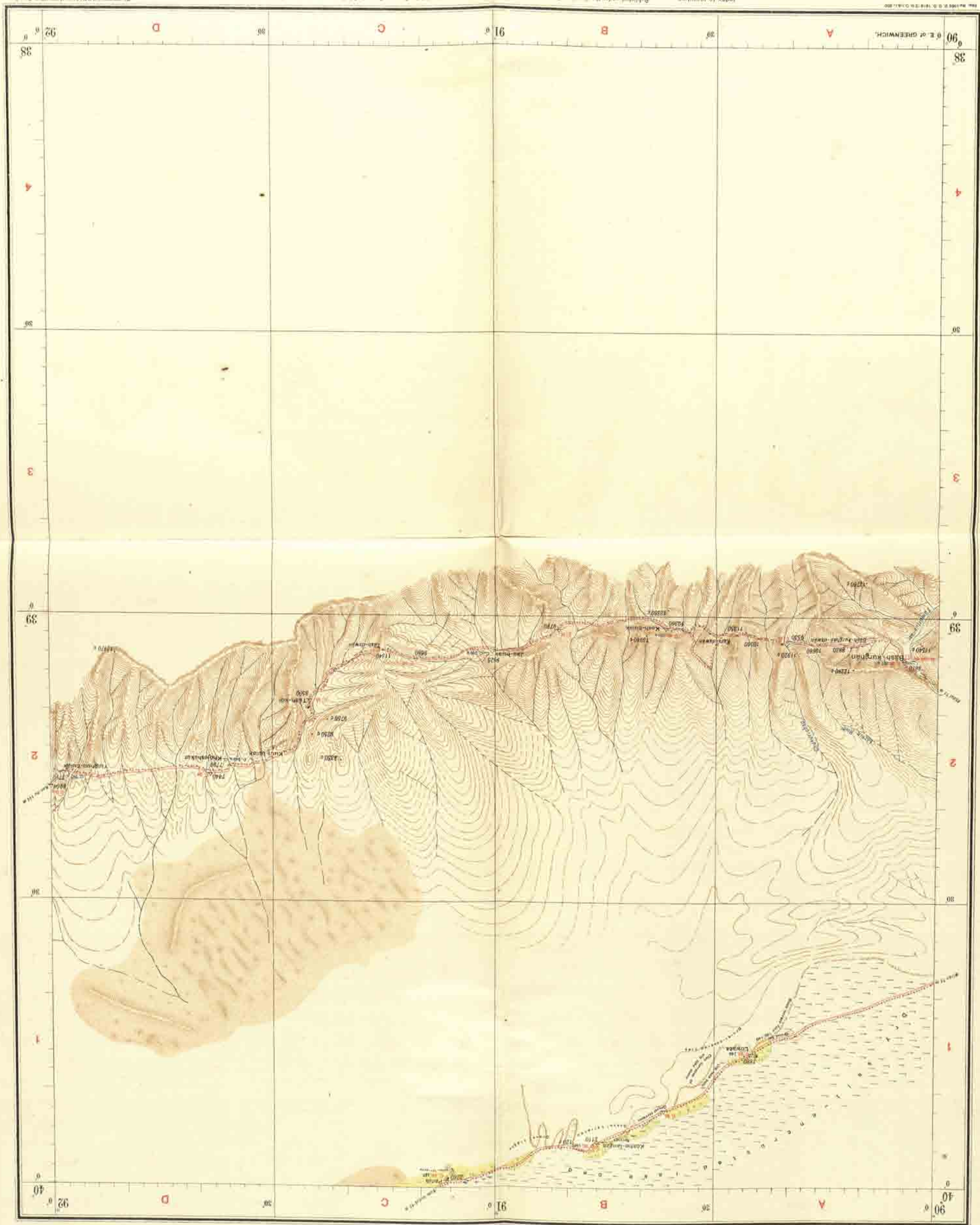
Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

Camps of R. B. Lal Singh in 1913-15

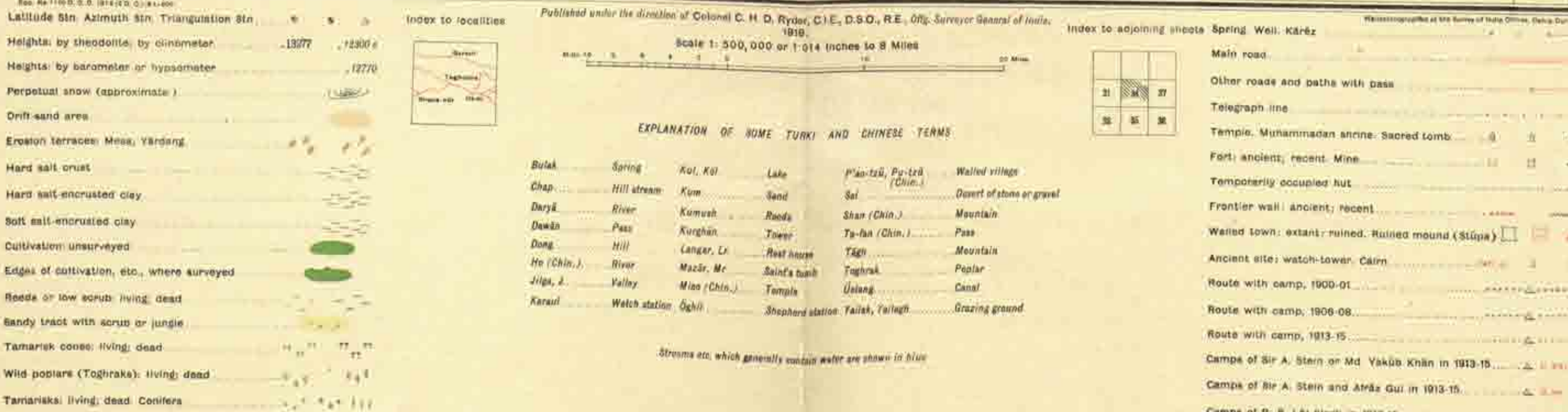
Camps of R. B. Lal Singh in 1913-15

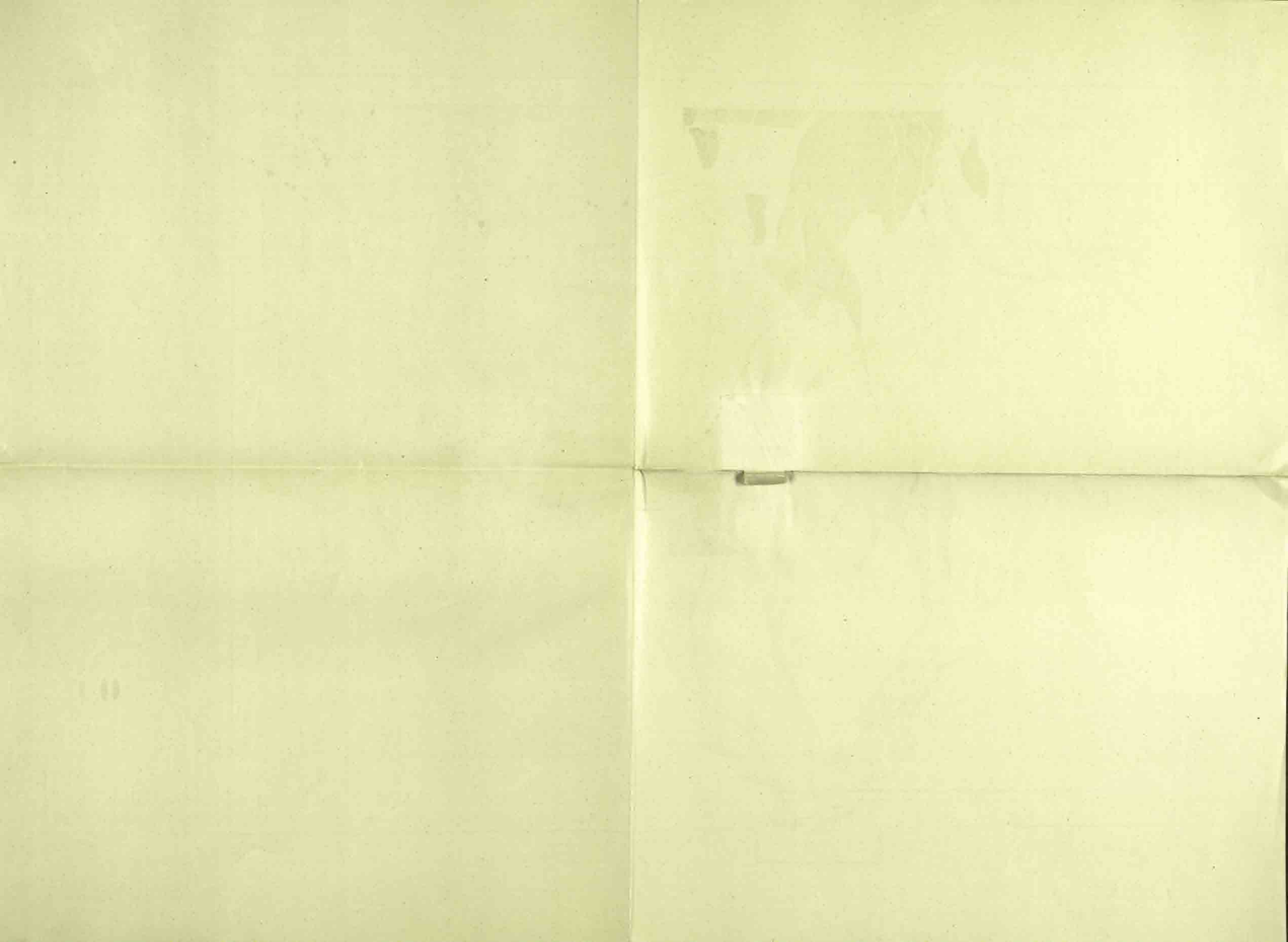


1900-01, 1906-08, 1913-15

BARKUL, HAMI.

SERIAL No. 34





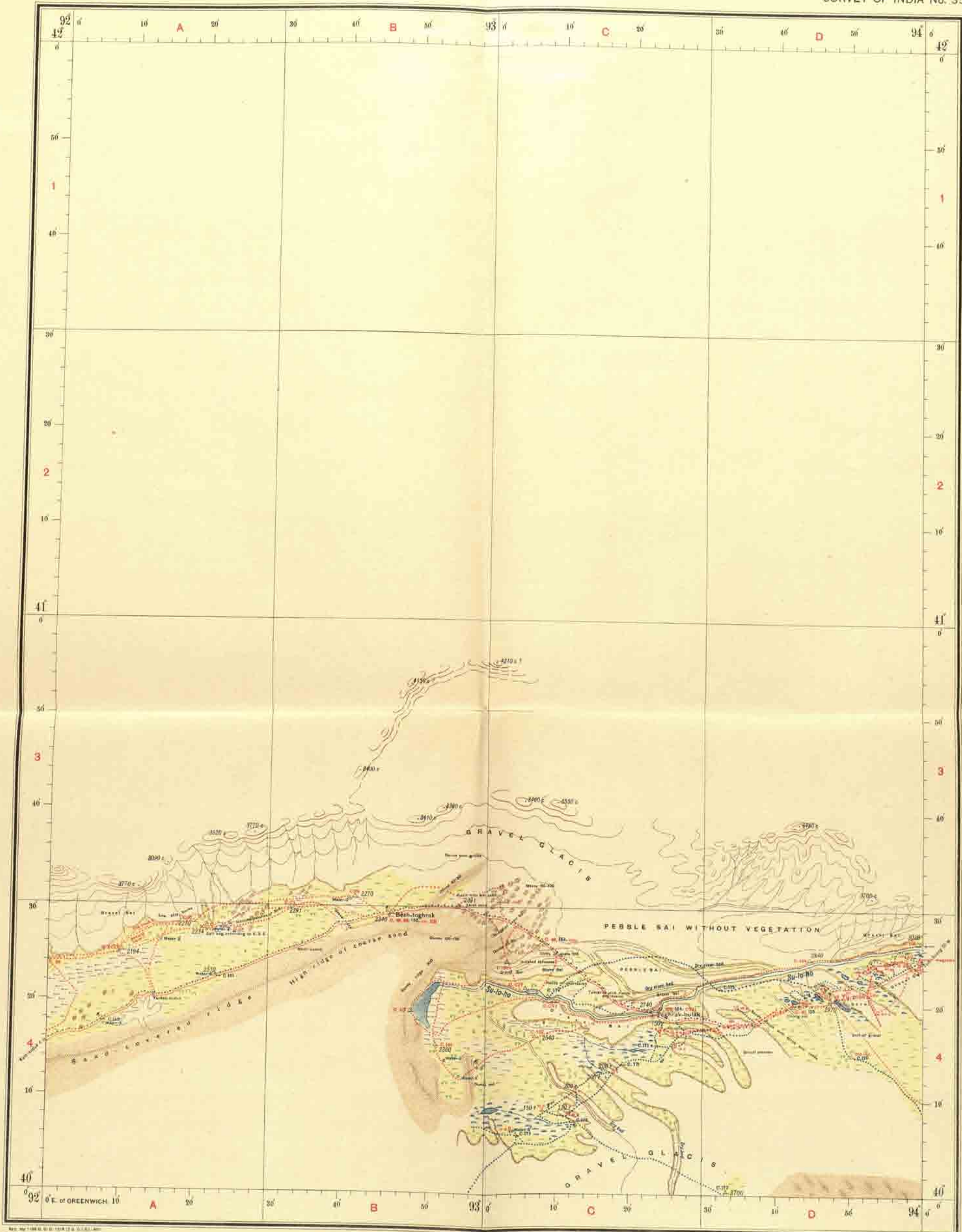
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

SU-LO-HO DELTA.

SURVEY OF INDIA No. 35



Latitude Stn. Azimuth Stn. Triangulation Stn.
Heights by theodolite; by clinometer. 12777 12770 c
Heights by barometer or hypsometer 12770
Perpetual snow (approximate)
Drift sand area
Erosion terraces. Mesa; Yardang
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub; living; dead
Sandy tracts with scrub or jungle
Tamarisk cones; living; dead
Wild poplars (Tograks); living; dead
Tamarisks; living; dead; Conifers

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., 9th Gurkha (Imperial) Division, 1919.

Scale 1: 500,000 or 1: 1014 inches to 8 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS					
Balak	Spring	Kai, Kol	Lake	P'an-Lo, Pu-tzu (Chin.)	Walled village
Chao	Hill stream	Rum	Sand	Sai	Desert of dunes or gravel
Darya	River	Kumush	Roads	Shan (Chin.)	Mountain
Dowla	Pass	Kurgan	Tower	Tu-fan (Chin.)	Pass
Dong	Hill	Langer, Lo	Rest house	Yash	Mountain
Ho (Chin.)	River	Mazar, Mr	Said's tomb	Yogarak	Pass
Jigge, J	Valley	Miao (Chin.)	Temple	Utiang	Canal
Karawi	Watch station	Oghli	Shepherd station	Yatuk, Yalikab	Grazing ground

Streams etc. which generally require water are shown in blue

Index to adjoining sheets



Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort; ancient; recent; Mine
Temporarily occupied hut
Frontier wall; ancient; recent
Walled town; extant; ruined. Ruined mound (Stupa)
Ancient site; watch-tower. Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Md. Yakub Khan in 1913-15
Camps of Sir A. Stein and Ahsz Gur in 1913-15
Camps of R. B. Lal Singh in 1913-15

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CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

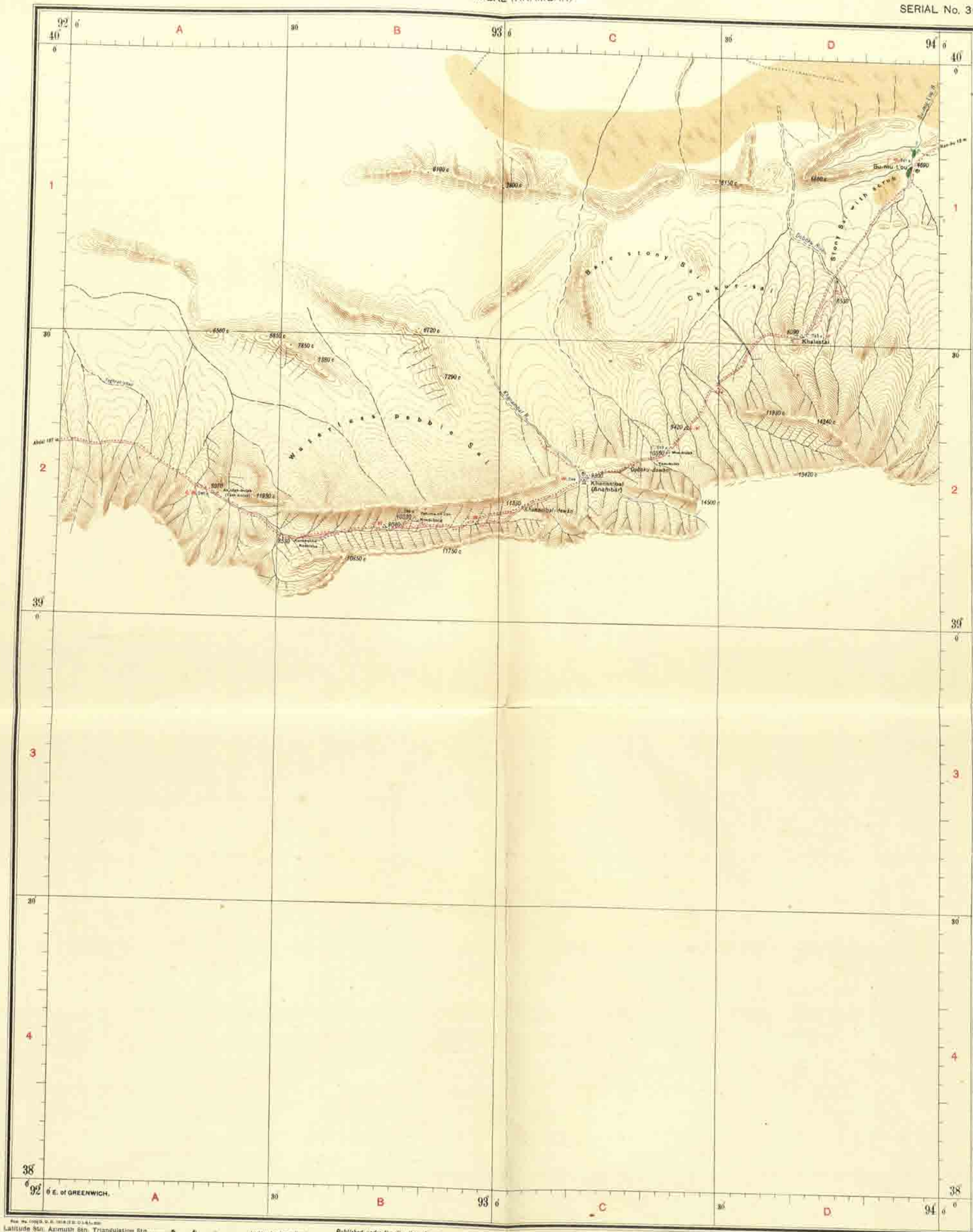
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 80 N. W.

KHANAMBAL (ANAMBAR)

SERIAL No. 36



See No. 10995, D. S. 1018 (S. D. S. 1018)

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights by theodolite, by aneroid

Heights by barometer or hypsometer

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa, Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub (living; dead)

Sandy tract with scrub or jungle

Tamarisk cones: living; dead

Wild poplars (Tograk): living; dead

Tamarisks: living; dead; Cocifera

Index to localities



Published under the direction of Colonel Sir S. G. Barrard, K.C.I.E., R.E., F.R.S., Surveyor General of India, 1918.

Scale 1: 500,000 or 1: 1014 inches to 5 Miles.

Metric 0 1 2 3 4 5 Kilometres

Imperial 0 1 2 3 4 5 Miles

Index to adjoining sheets

EXPLANATION OF SOME TURK AND CHINESE TERMS

Bulak	Kul, Kot	P'ao-tzu, Po-tzu
Chao	Kum	Sai
Darya	Kurush	Shan (Chin.)
Dawa	Kurghan	Ta-tan (Chin.)
Dong	Lagar, La	Tagh
He (Chin.)	Mazar, Me	Tograk
Jiye, J	Mize (Chin.)	Ustang
Kareul	Oghil	Yalik, Yalagh
Spring	Lake	Walled village (Chin.)
Hill stream	Sand	Desert of stones or gravel
River	Reedy	Mountain
Pass	Tower	Pass
Hill	Heel house	Mountain
River	Skin's tomb	Poplar
Valley	Temple	Canal
Watch station	Shepherd station	Grazing ground

Streams etc., which generally contain water are shown in blue

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, Sacred tomb

Fort: ancient; recent; Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakkoo Khan in 1913-15

Camps of Sir A. Stein and Amiz Gul in 1913-15

Camps of R. B. L. Singh in 1913-15

CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

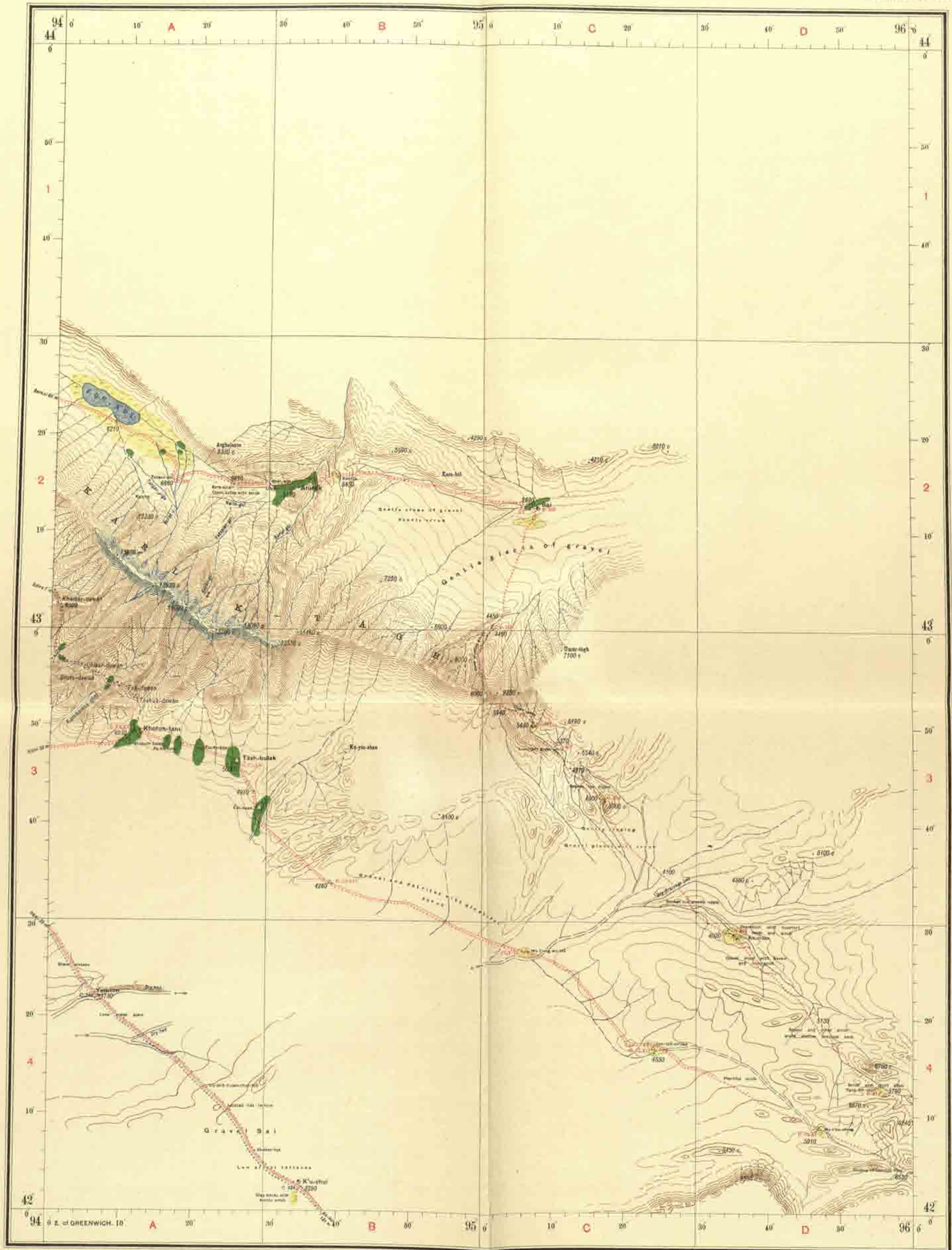
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46
(CARTE INTERNATIONALE DU MONDE)

KARLIK-TAGH

SERIAL No. 37



Scale 1:500,000 or 1:1014 inches to 8 miles

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India*

1919.

Index to localities

Heights: by theodolite; by aneroid

Heights: by barometer or hypsometer

Perpetual snow (approximate)

Drift sand areas

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

Index to localities

Scale 1:500,000 or 1:1014 inches to 8 miles

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India*

1919.

Index to localities

Heights: by theodolite; by aneroid

Heights: by barometer or hypsometer

Perpetual snow (approximate)

Drift sand areas

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk: living; dead

Wild poplars (Toghraks): living; dead

Tamarisks: living; dead. Conifers

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Kol	Lake	Piao-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kum	Sand	Shan (Chin.)	Mountain
Darya	River	Kumuk	Roads	Ta-fan (Chin.)	Pass
Dewan	Pass	Kurgan	Tower	Tagh	Mountain
Dong	Hill	Langer, Le	Rest house	Toghrak	Poplar
Ho (Chin.)	River	Mazar, Me	Saint's tomb	Usting	Canal
Jilga, J	Valley	Miao (Chin.)	Temple		
Kasul	Watch station	Oghiz	Shepherd station	Talish, Taligh	Grazing ground

Mountains etc. which generally contain water are shown in blue

Index to adjoining sheets

Spring, Well, Kariz

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient; recent; Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town; extant; ruined; Ruined mound (Stupa)

Ancient site; watch-tower; Cairn

Route with camp, 1900-01

Route with camp, 1906-08

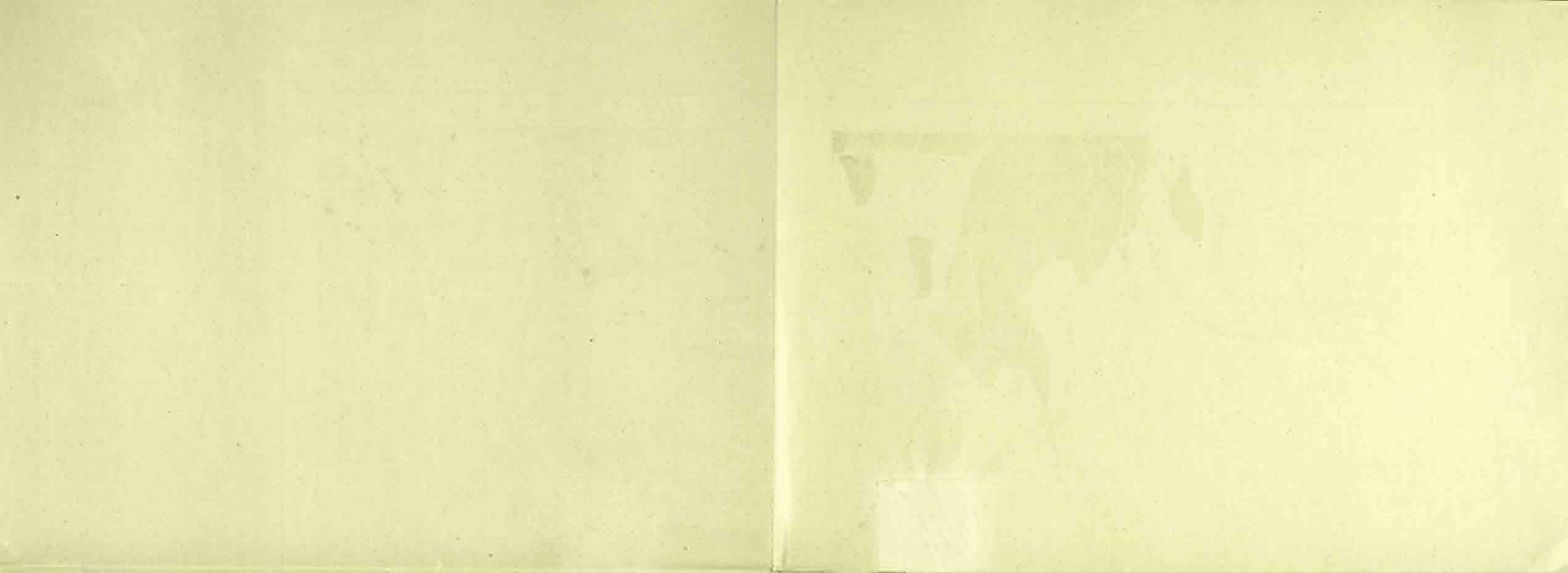
Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of R. B. L. Singh in 1913-15

Copies of this map were prepared by the Survey of India, Dehra Dun, India, under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., *Offg. Surveyor General of India*



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

SIR AUREL STEIN, K. C. I. E.,

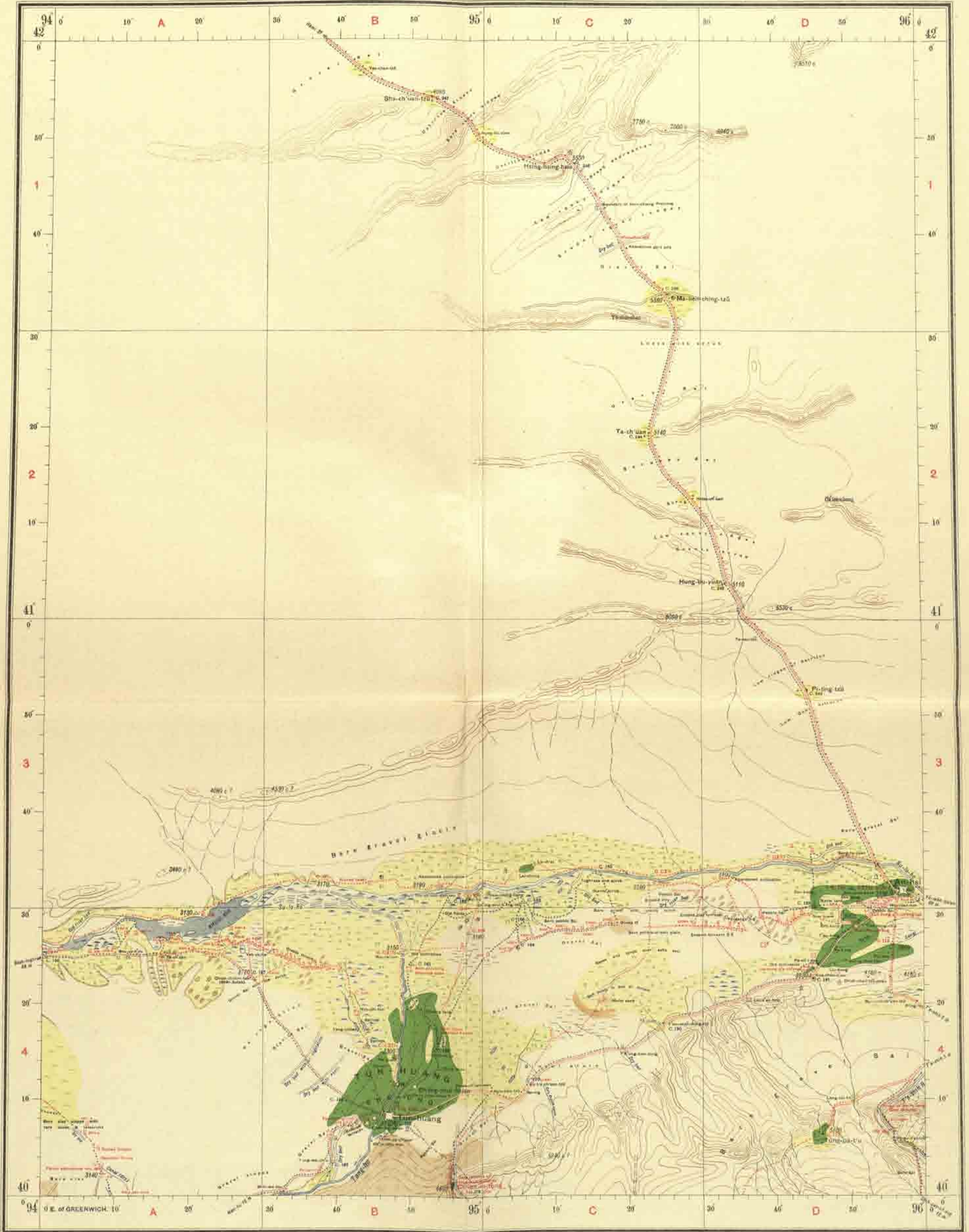
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-46

(CARTE INTERNATIONALE DU MONDE)

TUN-HUANG, AN-HSI.

SURVEY OF INDIA No. 38



Latitude Sin. Azimuth Sin. Triangulation Sin.

Heights: by theodolite, by altimeter 12277 12304

Heights: by barometer or hypsometer 12170

Perpetual snow (approximate)

Drift sand, area

Erosion terraces. Mesa. Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub living, dead

Sandy tracts with scrub or jungle

Tamarisk cones: living, dead

Wild poplars (Tognara): living, dead

Tamarisks: living, dead. Conifers

Index to localities

Printed under the direction of Colonel C. H. D. Ryer, C.I.E., D.S.O., R.E., Survey General of India, 1916

Scale 1: 500,000 or 1:514 inches to a mile

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Koi	Lake	Pian-tzu, Pu-tzu	Walled village
Chap	Hill stream	Kun	Sand	Sai	Desert of stones or gravel
Berya	River	Kanush	Reedy	Shan (Chin.)	Mountain
Dawan	Pass	Kargha	Tower	Ta-lan (Chin.)	Pass
Dong	Hill	Lung, Li	Rail house	Tah	Mountain
Hu (Chin.)	River	Mai, Mi	Saint's tomb	Tahrak	Poster
Jiga, J	Valley	Mian (Chin.)	Tamir	Ukang	Cave
Kanul	Watch station	Uguk	Shahar station	Talik, Talagh	Grazing ground

Rivers etc. which generally contain water are shown in blue

Index to adjoining sheets

14	15
24	25
34	35

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent, Mine

Temporarily occupied hut

Frontier wall: ancient, recent

Walled town: extant, extinct, Ruined mound (Shidu)

Ancient site: watch-tower, Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein at Ma. Takub Khan in 1913-15

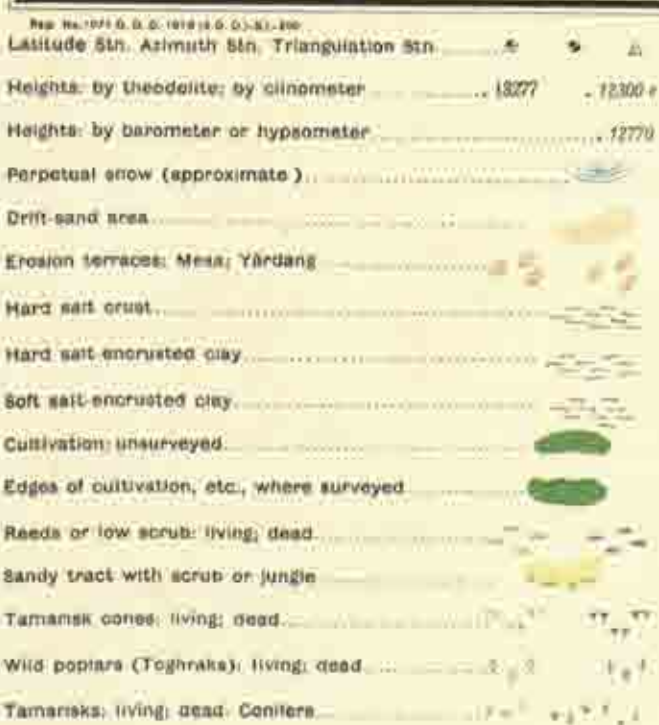
Camps of Sir A. Stein and Anze-gui in 1913-15

Camps of R. B. Lal Singh in 1913-15

1900-01, 1906-08, 1913-15.

NAN-HU

SERIAL No. 39



Index to localities

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Scale 1: 500,000 or 1/414 inches to 8 Miles

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36	39	42

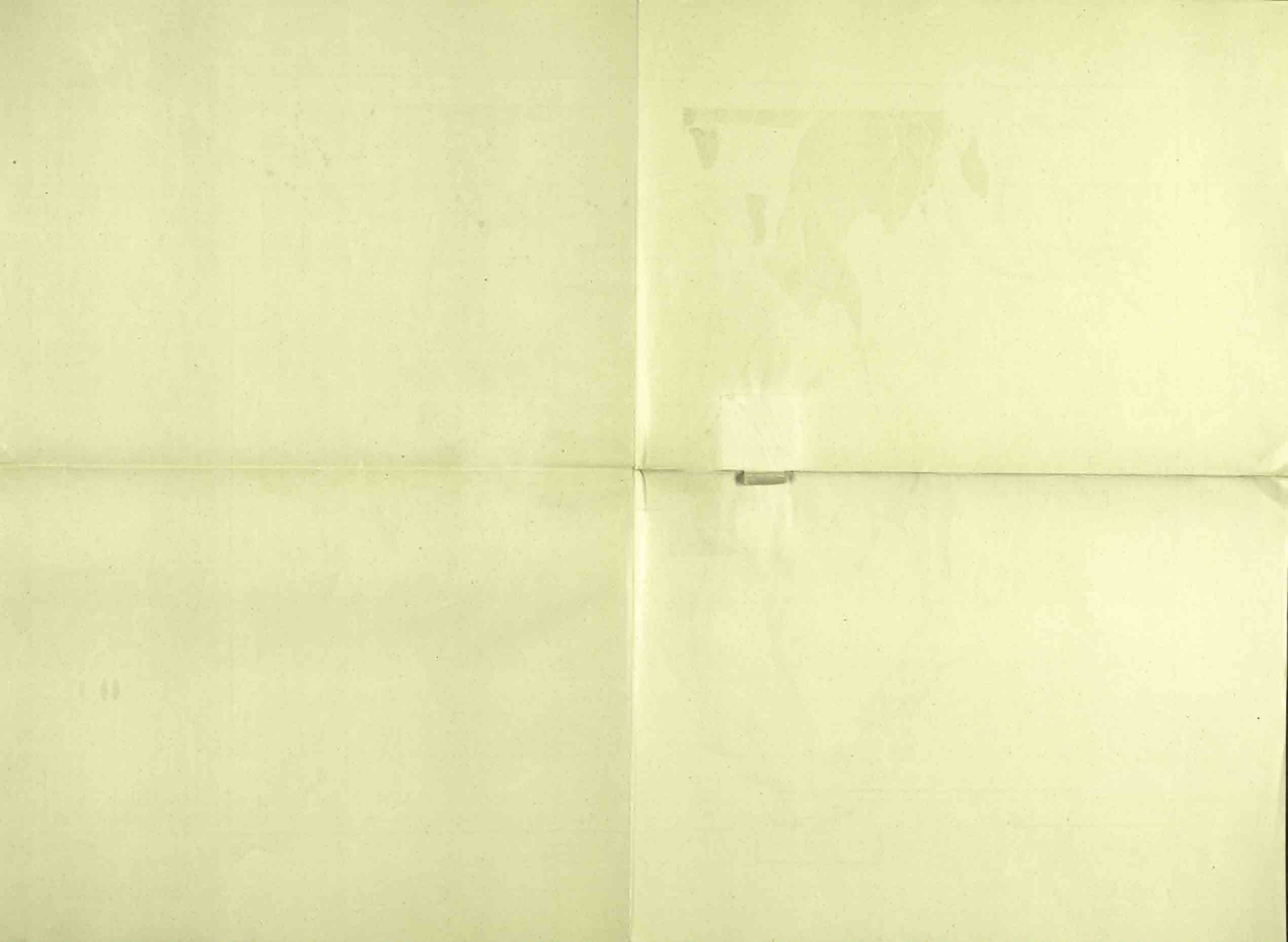
EXPLANATION OF SOME TURK AND CHINESE TERMS

Bulak	Spring	Kul, Kūl	Lake	P'an-tzu, P'u-tzu	Walled village
Chao	Hill stream	Kūm	Sand	Chin	Desert of stone or gravel
Daryā	River	Kurmash	Flower	Shan (Chin.)	Mountain
Dawān	Pass	Korghan	Round tower	Ta-shu (Chin.)	Pass
Dong	Hill	Kangar, Lz	Rest house	Tagh	Mountain
He (Chin.)	River	Mazār, Mr.	Saint's tomb	Toghay	Poplar
Jilga, Jy	Valley	Mow (Chin.)	Temple	Üsting	Canal
Karaul	Watch station	Qghil	Sheep station	Tailak, Taisak	Grazing ground

Streams etc., which present *are as follows:* (i) Kitar

Photocopy of the Survey of India Office, Delhi, India.

Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient; recent Mine
Temporarily occupied hut
Frontier wall: ancient; recent
Walled town: extant; ruined. Ruined mound (Stupa)
Ancient site, watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein & Md. Yakub Khan in 1913-15
Camps of Sir A. Stein and Alfred Gull in 1913-15
Camps of R. B. Lill Singh in 1913-15

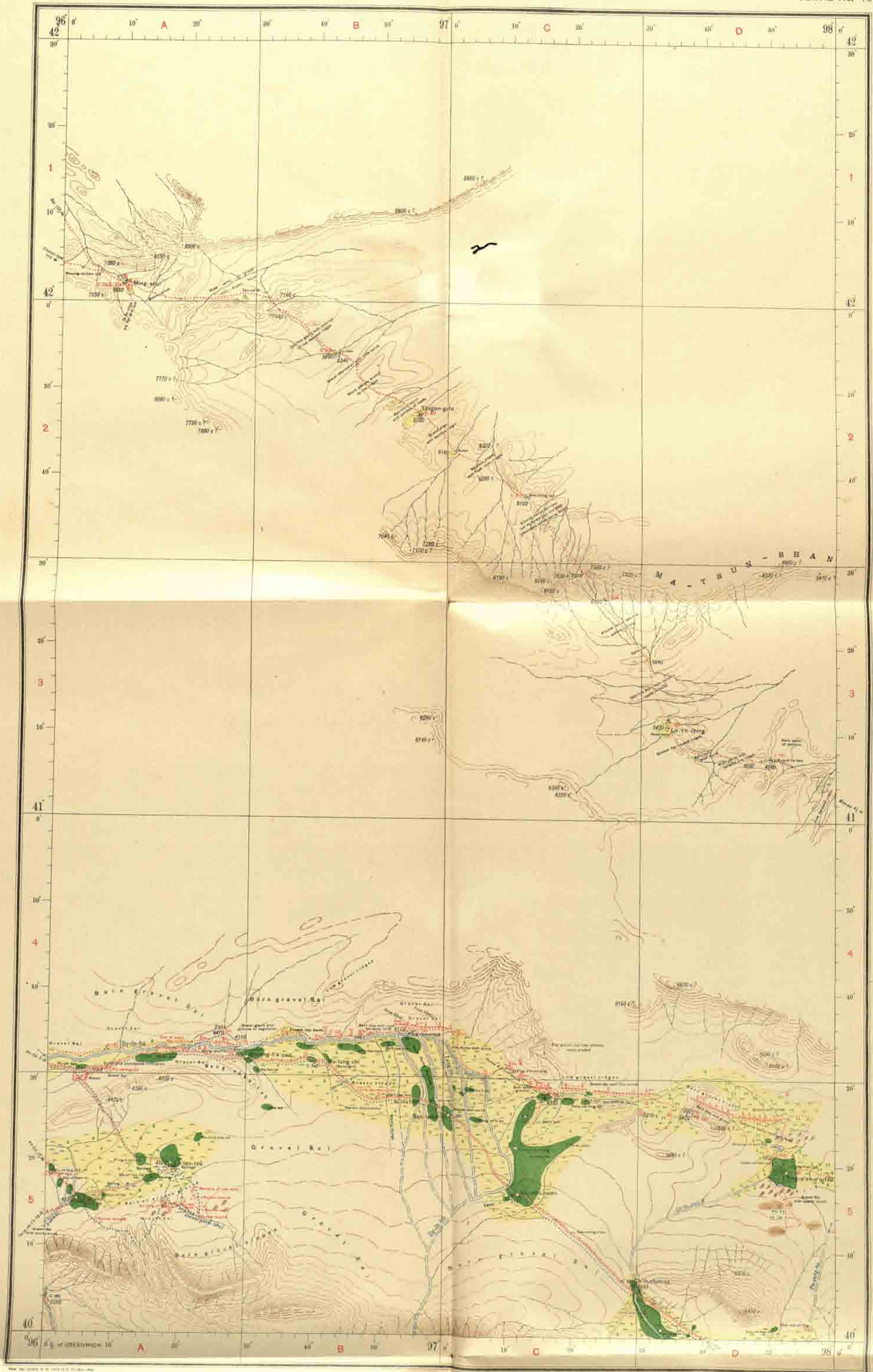


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1905-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

YÜ-MÊN-HSIEN

SERIAL No. 40



Latitude 36° 42' 30" N. Triangulation Sta. 12077, 12090

Heights by aneroid or barometer

Heights by barometer or hypsometer

Perpetual snow (approximate)

Grassland area

Erosion terraces, Miao, Yü-mên

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation (unsurveyed)

Edges of cultivation, etc., where surveyed

Reeds or low scrub living, dead

Sandy tract with scrub or jungle

Tamarisk (living, dead)

Wild poplars (Tachysa) living, dead

Tamarisks living, dead, Conters

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor-General of India, 1900.

Scale 1: 500,000 or 1: 614,000 (approx. 1: 5 Miles)

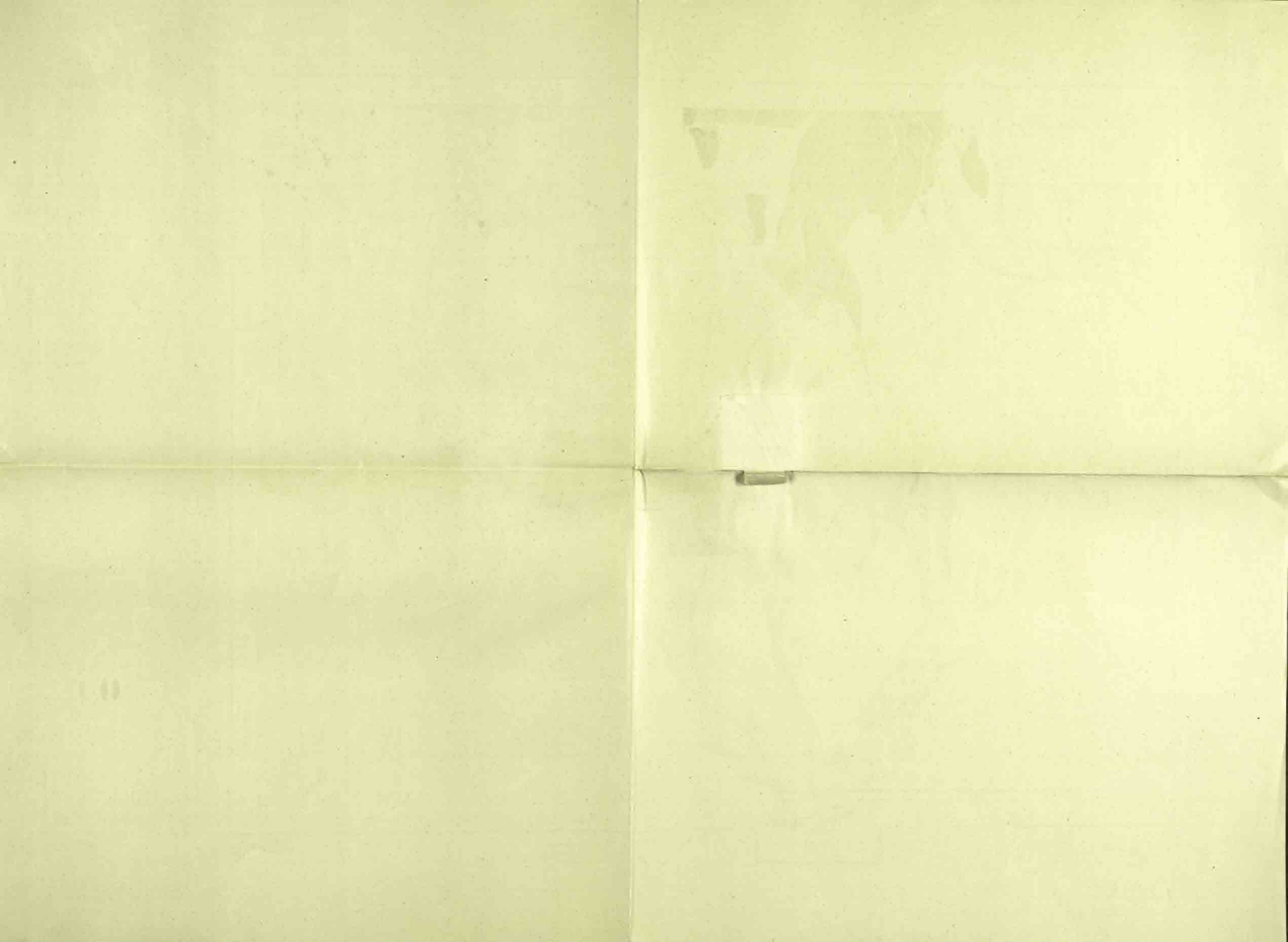
EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Turkic	Chinese	English
Spring	Kai, Kiu	Lake
Chau	Hill stream	Kuan
Darya	River	Kashan
Dungh	Pass	Karghan
Dung	Hill	Langan, Lu
Ho (Chin.)	River	Maxi, Mi
Yü-mên	Valley	Miao (Chin.)
Kashan	Watch station	Qigui
		Shepherd station
		Yü-mên, Yü-mên
		Grazing ground

INDEX TO REMARKING SHEETS

Sheet	Remarks
1	Spring, Wei, Karta
2	Main road
3	Other roads and paths with loads
4	Telegraph line
5	Temple, Muhammadan shrine, Sacred tomb
6	Fort, ancient, recent, mine
7	Temporarily occupied hut
8	Frontier wall, ancient, modern
9	Walled town, extant, ruined, buried mound (Silo)
10	Ancient site, watch-tower, cairn
11	Route with camp, 1900-01
12	Route with camp, 1908-09
13	Route with camp, 1913-15
14	Camps of Sir A. Stein and Mr. Yü-mên in 1913-15
15	Camps of Sir A. Stein and Mr. Yü-mên in 1913-15
16	Camps of Sir A. Stein and Mr. Yü-mên in 1913-15

Source of this map and its contents are indicated on the Survey of India, Office of the Surveyor-General, India, Calcutta, 1915-16.

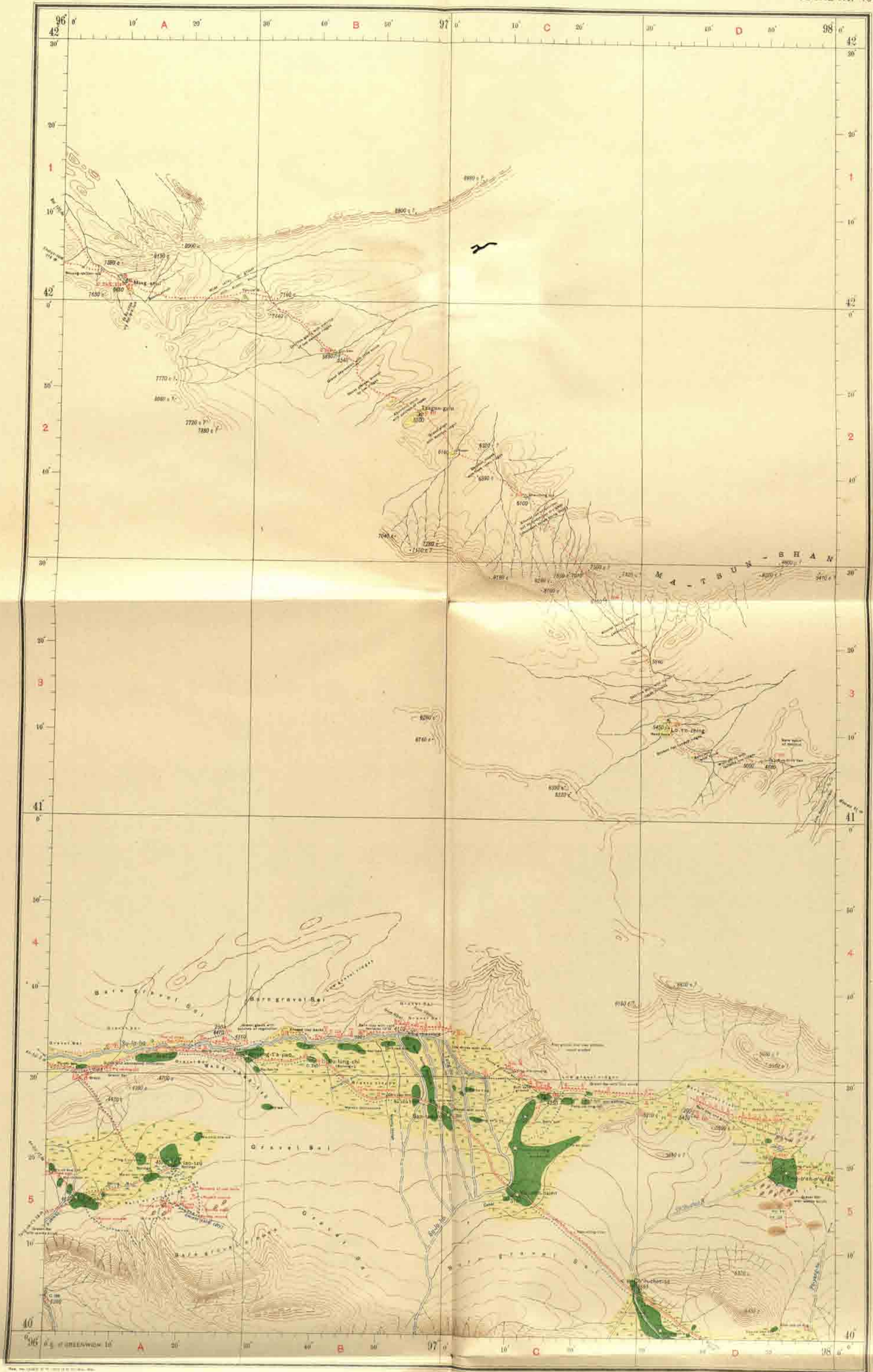


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1905-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

YÜ-MËN-HSIEN

SERIAL No. 40



Scale, 1:500,000 or 1:1,014,000 (approximate)
Latitude 36° 30' North, Longitude 84° 30' East
Heights by aneroid, by barometer
Heights by barometer or hypsometer
Perpetual snow (approximate)
Grassland
Erosion terraces, Miao, Yü-dang
Hard salt crust
Hard salt encrusted clay
Soft salt encrusted clay
Cultivation, unsurveyed
Edges of cultivation, etc., where surveyed
Reeds or low scrub, living, dead
Sandy tract with scrub or jungle
Tamarisk, common, living, dead
Wild poplars (Tophraea), living, dead
Tamarisk, living, dead, Conifers

EXPLANATION OF SOME TERMS AND CHINESE TERMS.
River, Spring, Kai, Kai, Lake
Chen, Hill stream, Kun, Sand
Dang, River, Kunshu, Reeds
Dang, Pass, Karghan, Tamar
Dang, River, Lankai, Lr, Red house
He (Chin), River, Miao, Miao, Miao
Tiga, Valley, Miao (Chin), Temple
Karghan, Watch station, Light, Shepherd station, Yü-dang, Yü-dang, Greening ground

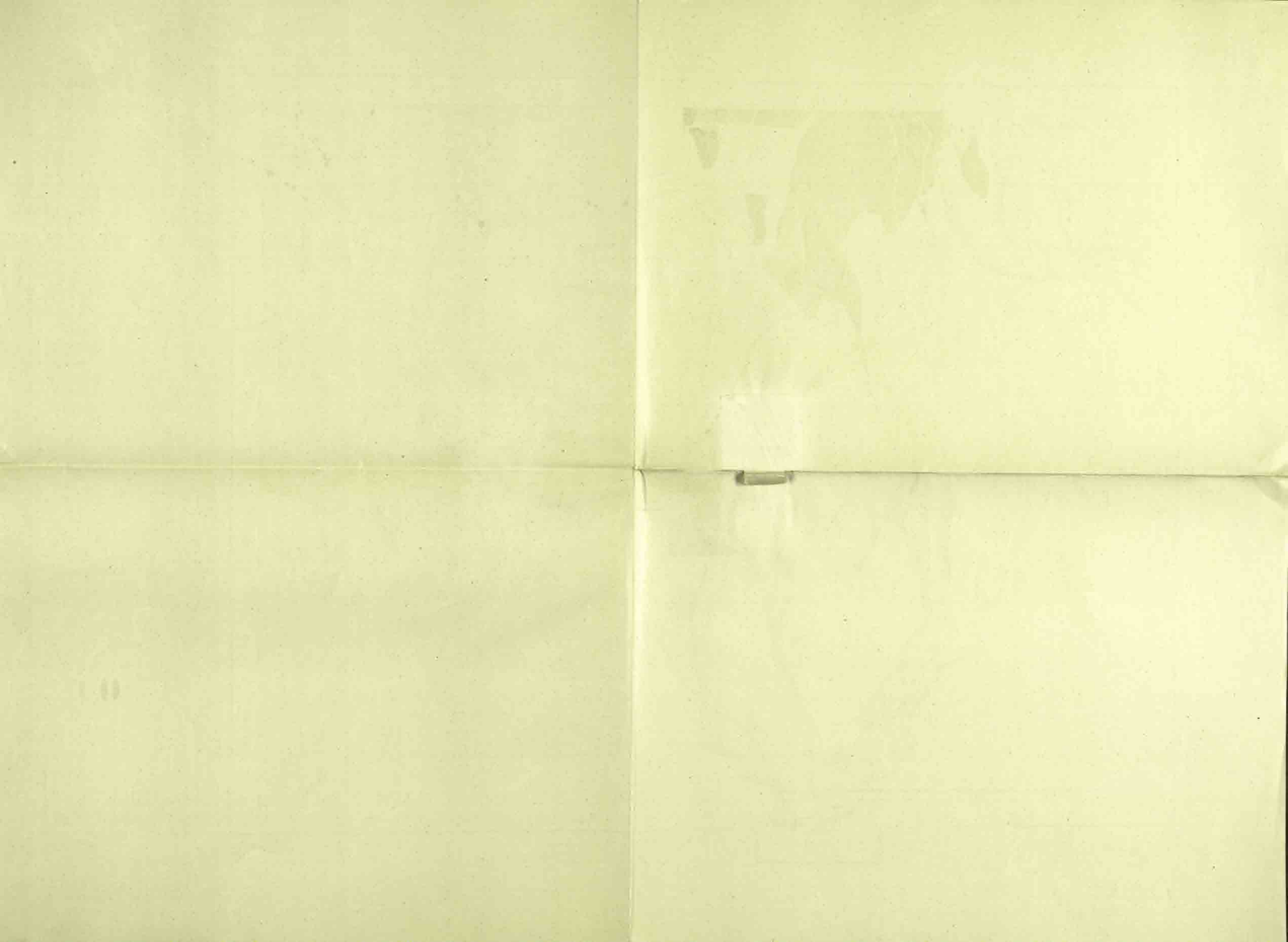
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Series 1: 500,000 or 1:1,014,000 (approximate)
Series 2: 1:500,000 or 1:1,014,000 (approximate)
Series 3: 1:500,000 or 1:1,014,000 (approximate)
Series 4: 1:500,000 or 1:1,014,000 (approximate)
Series 5: 1:500,000 or 1:1,014,000 (approximate)
Series 6: 1:500,000 or 1:1,014,000 (approximate)
Series 7: 1:500,000 or 1:1,014,000 (approximate)
Series 8: 1:500,000 or 1:1,014,000 (approximate)
Series 9: 1:500,000 or 1:1,014,000 (approximate)
Series 10: 1:500,000 or 1:1,014,000 (approximate)

EXPLANATION OF SOME TERMS AND CHINESE TERMS.
River, Spring, Kai, Kai, Lake
Chen, Hill stream, Kun, Sand
Dang, River, Kunshu, Reeds
Dang, Pass, Karghan, Tamar
Dang, River, Lankai, Lr, Red house
He (Chin), River, Miao, Miao, Miao
Tiga, Valley, Miao (Chin), Temple
Karghan, Watch station, Light, Shepherd station, Yü-dang, Yü-dang, Greening ground

EXPLANATION OF SOME TERMS AND CHINESE TERMS.
River, Spring, Kai, Kai, Lake
Chen, Hill stream, Kun, Sand
Dang, River, Kunshu, Reeds
Dang, Pass, Karghan, Tamar
Dang, River, Lankai, Lr, Red house
He (Chin), River, Miao, Miao, Miao
Tiga, Valley, Miao (Chin), Temple
Karghan, Watch station, Light, Shepherd station, Yü-dang, Yü-dang, Greening ground

EXPLANATION OF SOME TERMS AND CHINESE TERMS.
River, Spring, Kai, Kai, Lake
Chen, Hill stream, Kun, Sand
Dang, River, Kunshu, Reeds
Dang, Pass, Karghan, Tamar
Dang, River, Lankai, Lr, Red house
He (Chin), River, Miao, Miao, Miao
Tiga, Valley, Miao (Chin), Temple
Karghan, Watch station, Light, Shepherd station, Yü-dang, Yü-dang, Greening ground

EXPLANATION OF SOME TERMS AND CHINESE TERMS.
River, Spring, Kai, Kai, Lake
Chen, Hill stream, Kun, Sand
Dang, River, Kunshu, Reeds
Dang, Pass, Karghan, Tamar
Dang, River, Lankai, Lr, Red house
He (Chin), River, Miao, Miao, Miao
Tiga, Valley, Miao (Chin), Temple
Karghan, Watch station, Light, Shepherd station, Yü-dang, Yü-dang, Greening ground

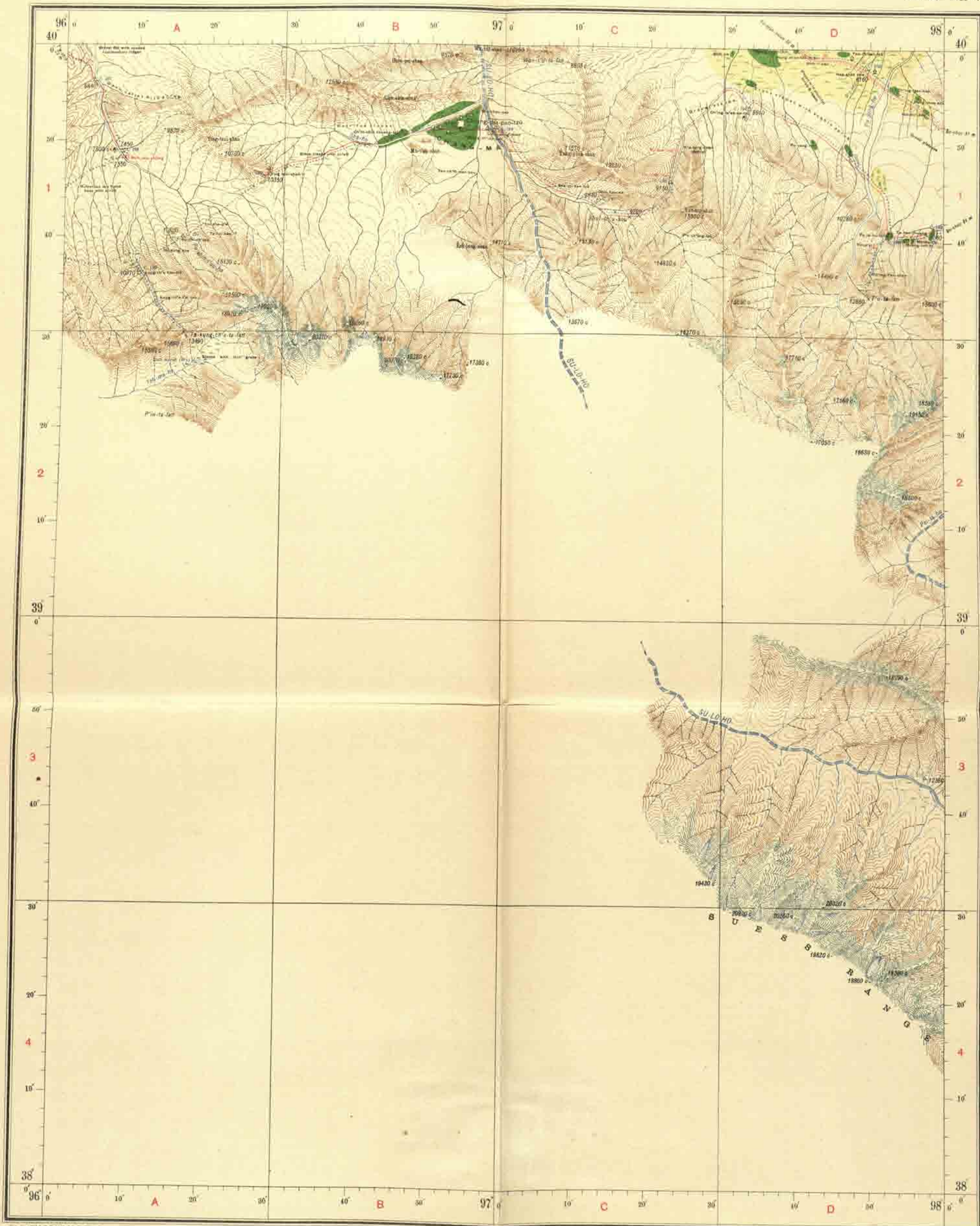


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 89 N.W.

CH'ANG-MA

SERIAL No. 41



Latitude Stn. Azimuth Stn. Triangulation Stn.
Heights: by theodolite by aneroid 13277 13300 x
Heights: by barometer or hypsometer 13770
Perpetual snow (approximate)
Drift sand area
Erosion terraces, Mesa, Yabanc
Hard salt crust
Hard salt-encrusted clay
Soft salt-encrusted clay
Cultivation: unsurveyed
Edge of cultivation, etc., where surveyed
Reeds or low scrub: living, dead
Sandy tract with scrub or jungle
Tamarisk: living, dead
Wild poplars (Toghnaks): living, dead
Tamarisks living, dead: Callifera

Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor-General of India.

Scale 1: 500,000 or 7 1/4 inches to 5 Miles

EXPLANATION OF SOME TURKIC AND CHINESE TERMS.

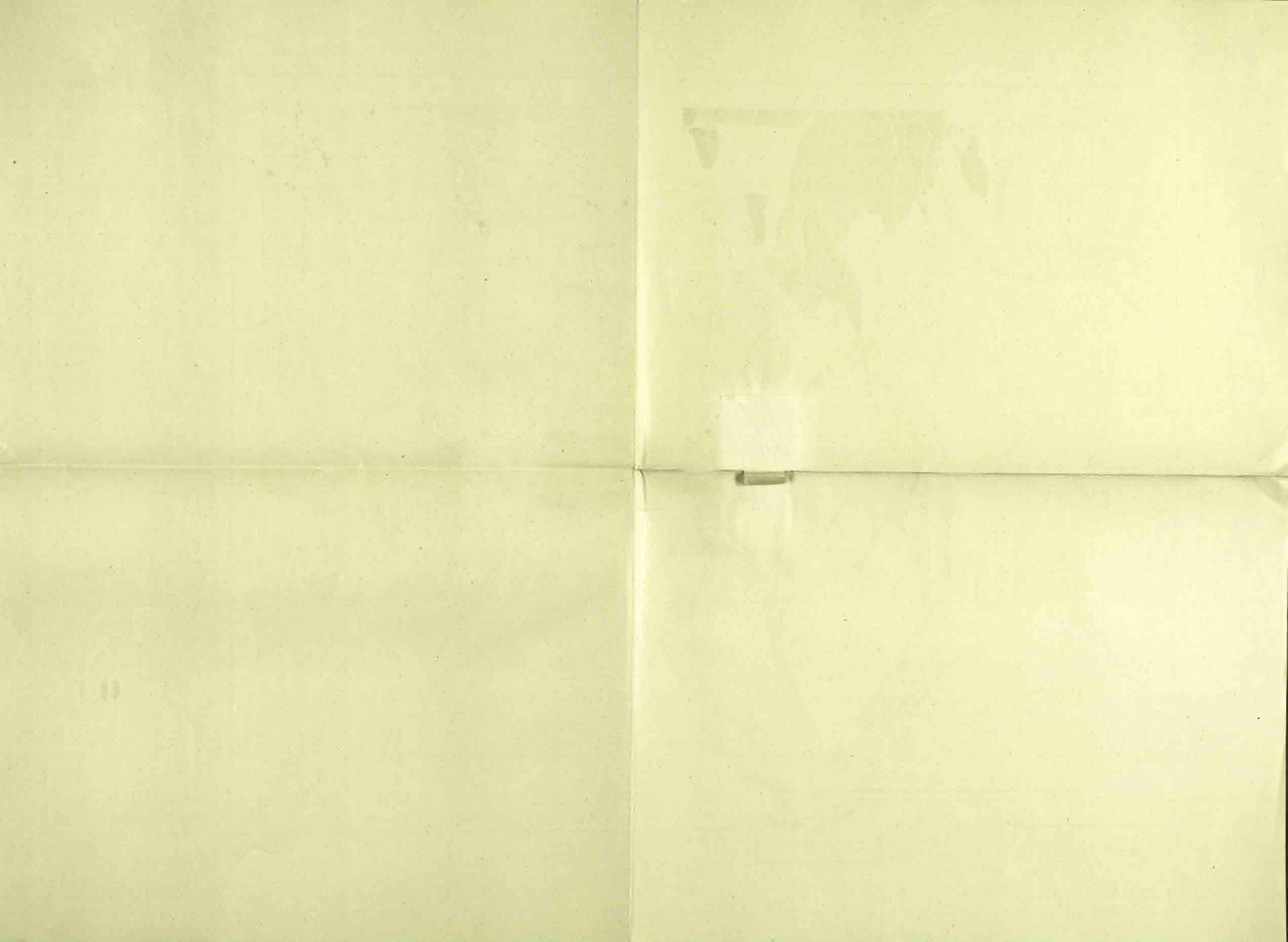
Buird	Spring	Kul, Kul	Lake	P'ao-tzu, P'ao-tzu	Walled village
Chap	Hill stream	Kum	Sand	Sai	Desert of stone or gravel
Darya	River	Kumash	Reeds	Shai (Chin.)	Mountain
Dawak	Pass	Karagan	Yam	Tu-ku (Chin.)	Pass
Dong	Hill	Lungu, Li	Red house	Yagruk	Mountain
Ha (Chin.)	River	Mazur, Mi	Sun's camp	Yagruk	Pasture
Jaga, J.	Yellow	Miao (Chin.)	Temple	Yagruk	Canal
Karai	Watch station	Qah	Shepherd's house	Tu-ku, Yagruk	Grazing ground

Streams etc. which generally run dry are shown in black

Index to adjoining sheets

38	39	40
37	38	39

Spring, Well, Karez
Main road
Other roads and paths with pass
Telegraph line
Temple, Muhammadan shrine, Sacred tomb
Fort: ancient, recent, Mine
Temporarily occupied hut
Frontier wall: ancient, recent
Walled town, palace, ruined, Ruined mound (Stupa)
Ancient site: watch-tower, Cairn
Route with camp, 1900-01
Route with camp, 1906-08
Route with camp, 1913-15
Camps of Sir A. Stein or Md. Yaqub Khan in 1913-15
Camps of Sir A. Stein and Abdur Gul in 1913-15
Camps of R. B. L. Singh in 1913-15



CHINESE TURKISTAN AND KANSU

FROM SURVEYS MADE DURING THE EXPLORATIONS OF

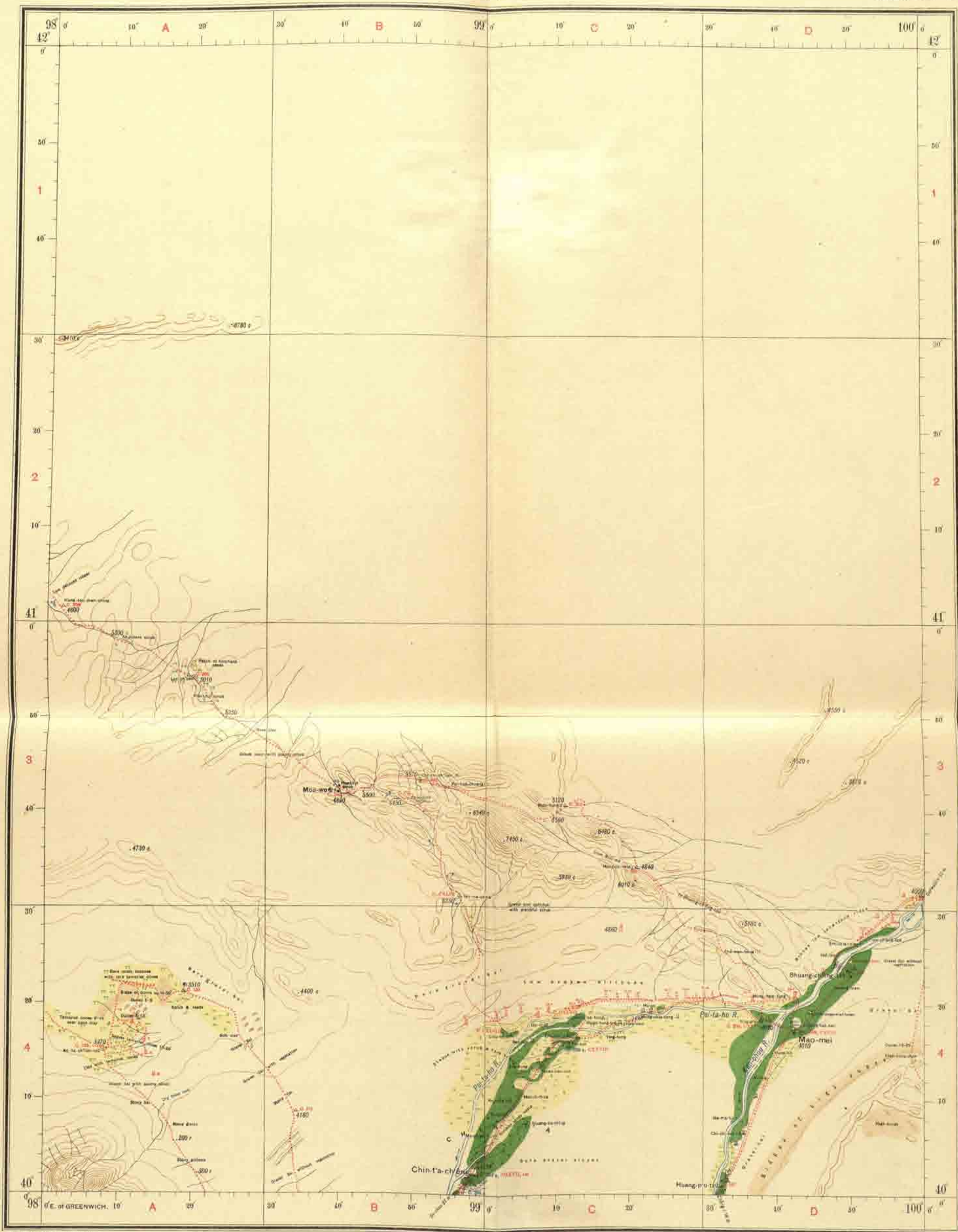
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

CHIN-T'AI

SERIAL No. 42



- Latitude Stn. Azimuth Stn. Triangulation Stn. ... 13277 ... 12380 e
- Heights by theodolite, by clinometer ... 12770
- Heights by barometer or hypsometer
- Perpetual snow (approximate)
- Drift sand area
- Erosion terraces: Miao, Yandang
- Hard salt crust
- Hard salt-encrusted clay
- Soft salt-encrusted clay
- Cultivation unsurveyed
- Edges of cultivation, etc., where surveyed
- Woods or low scrub, living, dead
- Sandy tract with scrub or jungle
- Tamarisk cones, living, dead
- Willow poplars (Populus), living, dead
- Tamarisks, living, dead, Conifers

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor-General of India

Scale 1:500,000 or 1:614 (inches to 8 Miles)

1925

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Ko, Koi	Lake	Pai-tai, Pu-tai	Wallid village
Chap	Hill stream	Kum	Runy	Shai (Chin.)	Desert of stone or gravel
Darya	River	Kaimash	Reeds	Tai-tai (Chin.)	Pass
Dawin	Pass	Karghan	Tower	Tai-tai (Chin.)	Mountain
Dong	Hill	Leng-er, Li	Hot house	Tai-tai (Chin.)	Mountain
Ho (Chin.)	River	Mazar, M.	Salt lake	Tai-tai (Chin.)	Poplar
Juga, J.	Valley	Miao (Chin.)	Temple	Tai-tai (Chin.)	Canal
Karai	Watch station	Dghil	Shepherd station	Tai-tai, Tai-tai	Grazing ground

Rivers etc. which pass through the area are shown in blue

Index to adjoining sheets



Spring Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient; recent; Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Wallid tower; watch-tower; Ruined mound (Stupa)

Ancient site; watch-tower; Cairn

Route with camp, 1900-01

Route with camp, 1906-08

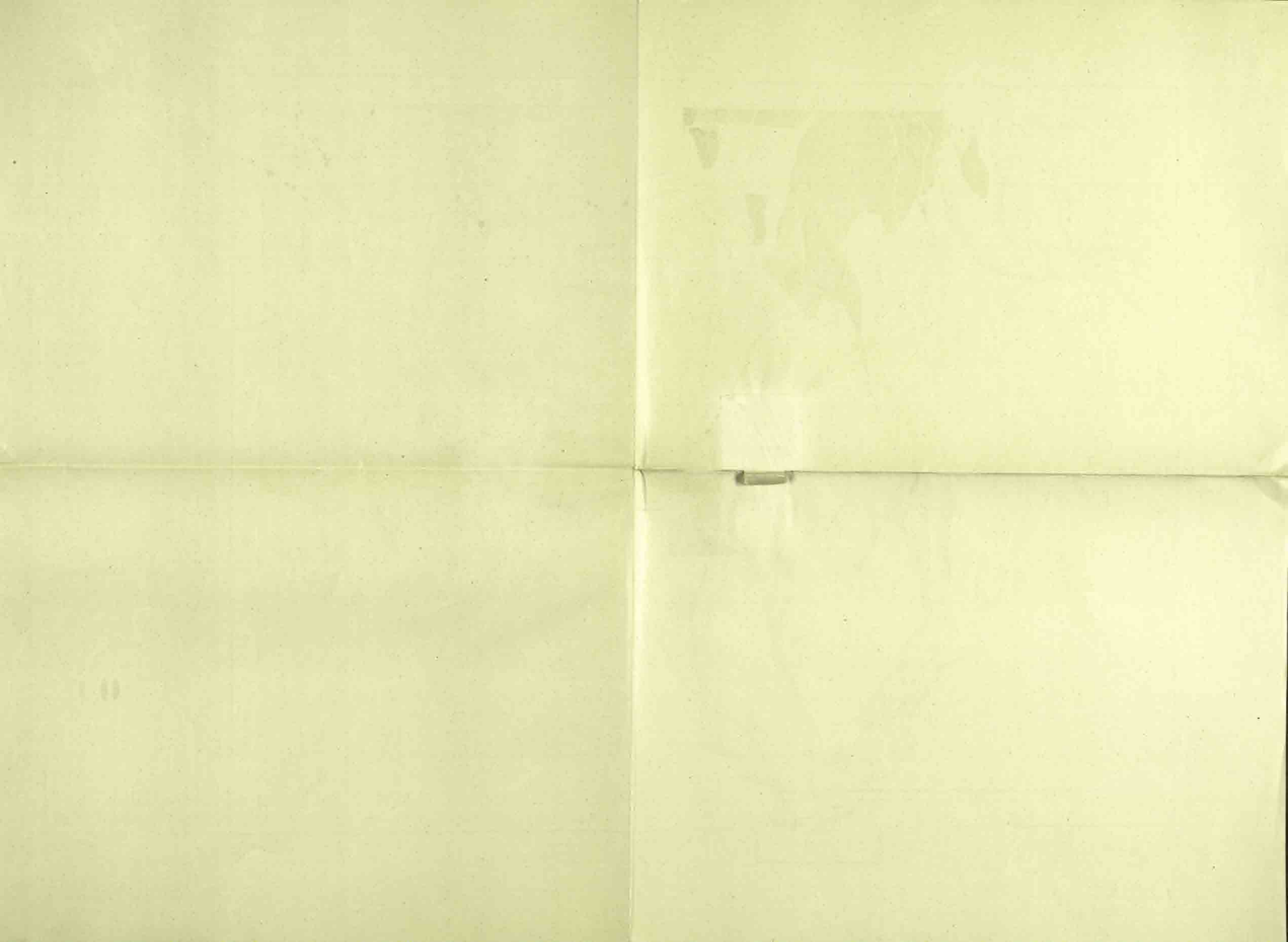
Route with camp, 1913-15

Camps of Sir A. Stein and Md. Yakub Khan in 1913-15

Camps of Sir A. Stein and Abdur Oul in 1913-15

Camps of R. B. Lal Singh in 1913-15

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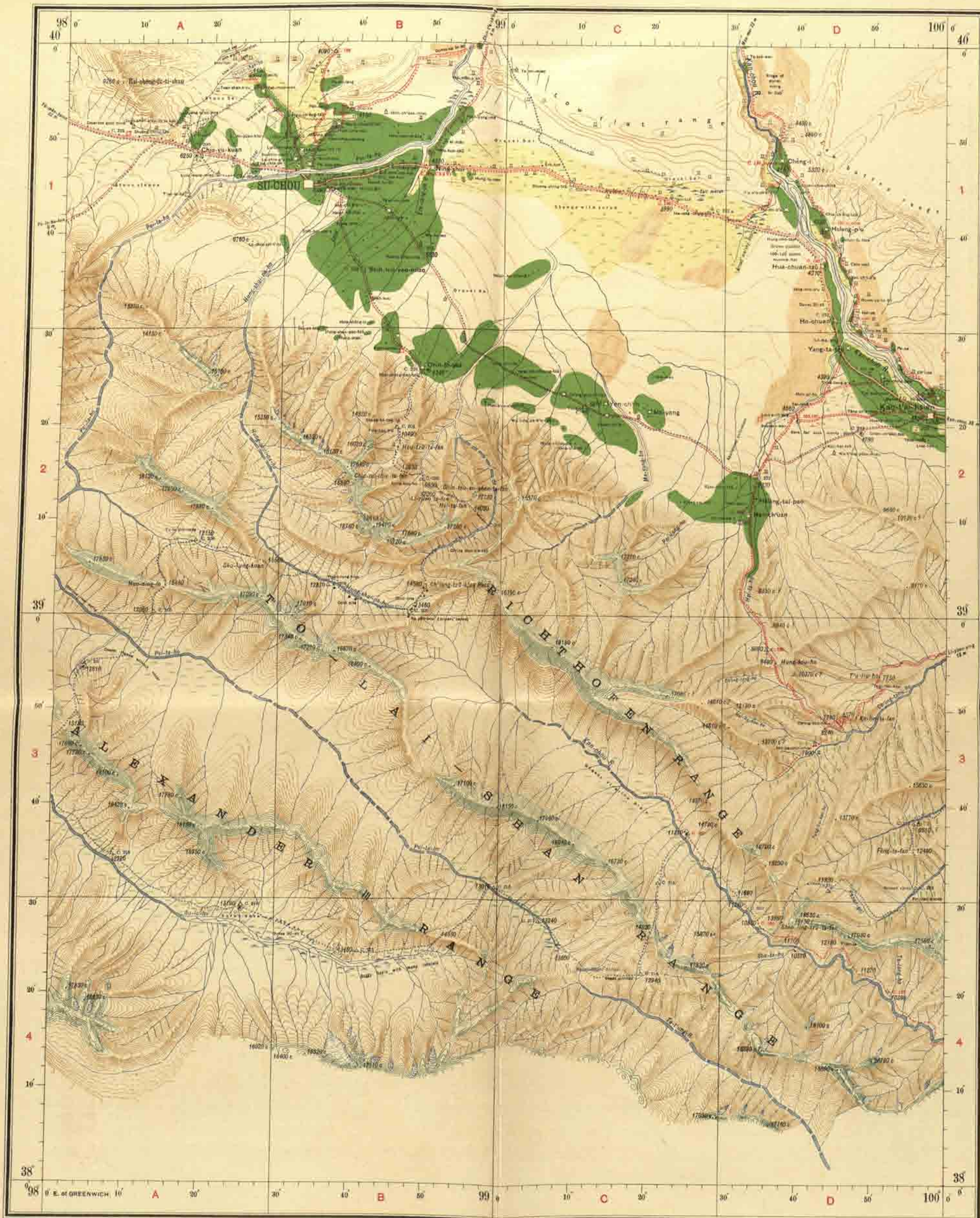


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

SURVEY OF INDIA No. 89 N.E.

SU-CHOU

SERIAL No. 43



Latitude, Stn. Azimuth, Stn. Triangulation Sta. ...
Height by theodolite, by clinometer ...
Height by barometer or hypsometer ...
Perpetual snow (approximate) ...
Drift-sand area ...
Erosion terraces, Mesa, Yardang ...
Hard salt crust ...
Hard salt-encrusted clay ...
Soft salt-encrusted clay ...
Cultivation unsurveyed ...
Edges of cultivation, etc. where surveyed ...
Reeds or low scrub, living; dead ...
Sandy tract with scrub or jungle ...
Tamarisk cones, living; dead ...
Wild poplars (Toghruks), living; dead ...
Tamarisks, living; dead. Gohlars ...



Published under the direction of Colonel C. H. D. Byer, C.I.E., D.S.O., R.E., Surveyor General of India.

1922

Scale 1: 500,000 or 1-916 inches to 3 Miles

Index to adjoining sheets

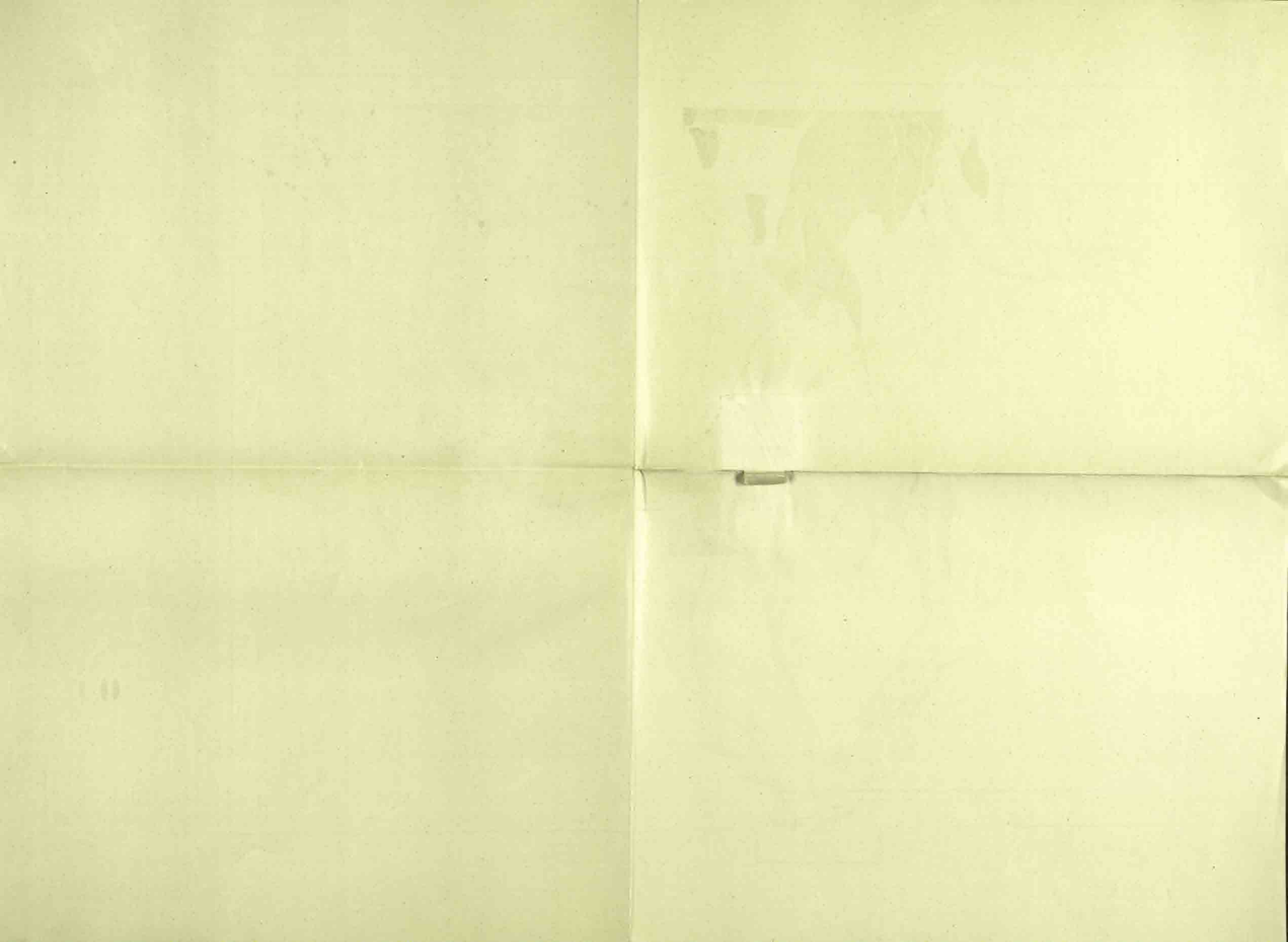
EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Bulak	Spring	Kul, Koi	Lake	Pan-tzu, Pu-tzu	Walled village
Chai	Hill stream	Kum	Sand	Shan (Chin.)	Mountain
Chay	River	Kamzah	Road	Ta-shan (Chin.)	Pass
Dawan	Pass	Kurghun	Tower	Toghrak	Poplar
Dong	Hill	Lungai, Li	Fort house	Ustang	Canal
Ha (Chin.)	River	Mazar, Mi	Saint's tomb	Yakul	Grazing ground
Jaga, J.	Valley	Ming (Chin.)	Tomb		
Kanul	Walled station	Oghil	Shaykh's station		

Streams etc. which generally contain water are shown in blue

NO	ST	ST
ST	ST	ST

Spring, Well, Karez ...
Main road ...
Other roads and paths with pass ...
Telegraph line ...
Temple, Muhammadan shrine, sacred tomb ...
Fort: ancient, recent, mine ...
Temporarily occupied hut ...
Frontier wall: ancient, recent ...
Walled town: extant, ruined, burned mound (Stupa) ...
Ancient site, watch-tower, cairn ...
Route with camp, 1900-01 ...
Route with camp, 1906-08 ...
Route with camp, 1913-15 ...
Camps of Sir A. Stein or Md. Yarkub Khan in 1913-15 ...
Camps of Sir A. Stein and Afras Qazi in 1913-15 ...
Camps of R. B. Lal Singh in 1913-15 ...



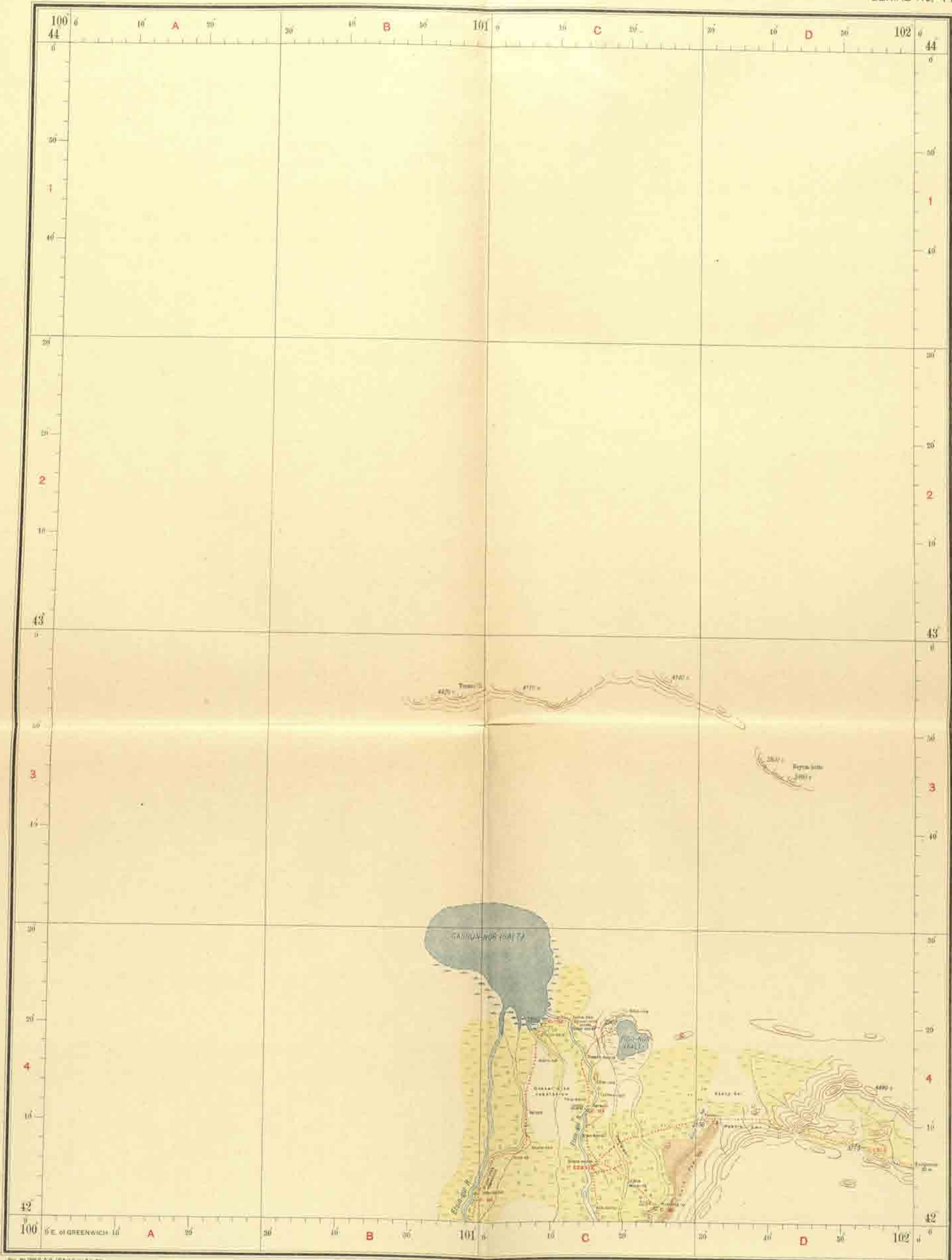
CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,

1900-01, 1906-09, 1913-15.

PART OF SHEET No. N, K-47
(CARTE INTERNATIONALE DU MONDE)

ETSIN-GOL DELTA

SERIAL No. 44



Scale 1:500,000 or 1 inch to 8 miles
Published under the direction of Colonel C. H. D. Ryle, C.I.E., D.S.O., R.E., Survey General of India
1910

Index to localities

Index to adjoining sheets

Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine, sacred tomb

Fort: ancient, recent, mine

Temporarily occupied hut

Frontier wall, ancient, recent

Walled town: extant, ruined, buried mound (Stupa)

Ancient site; water-lower, Cañon

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yaxū Khan in 1913-15

Camps of Sir A. Stein and Atrax-Gui in 1913-15

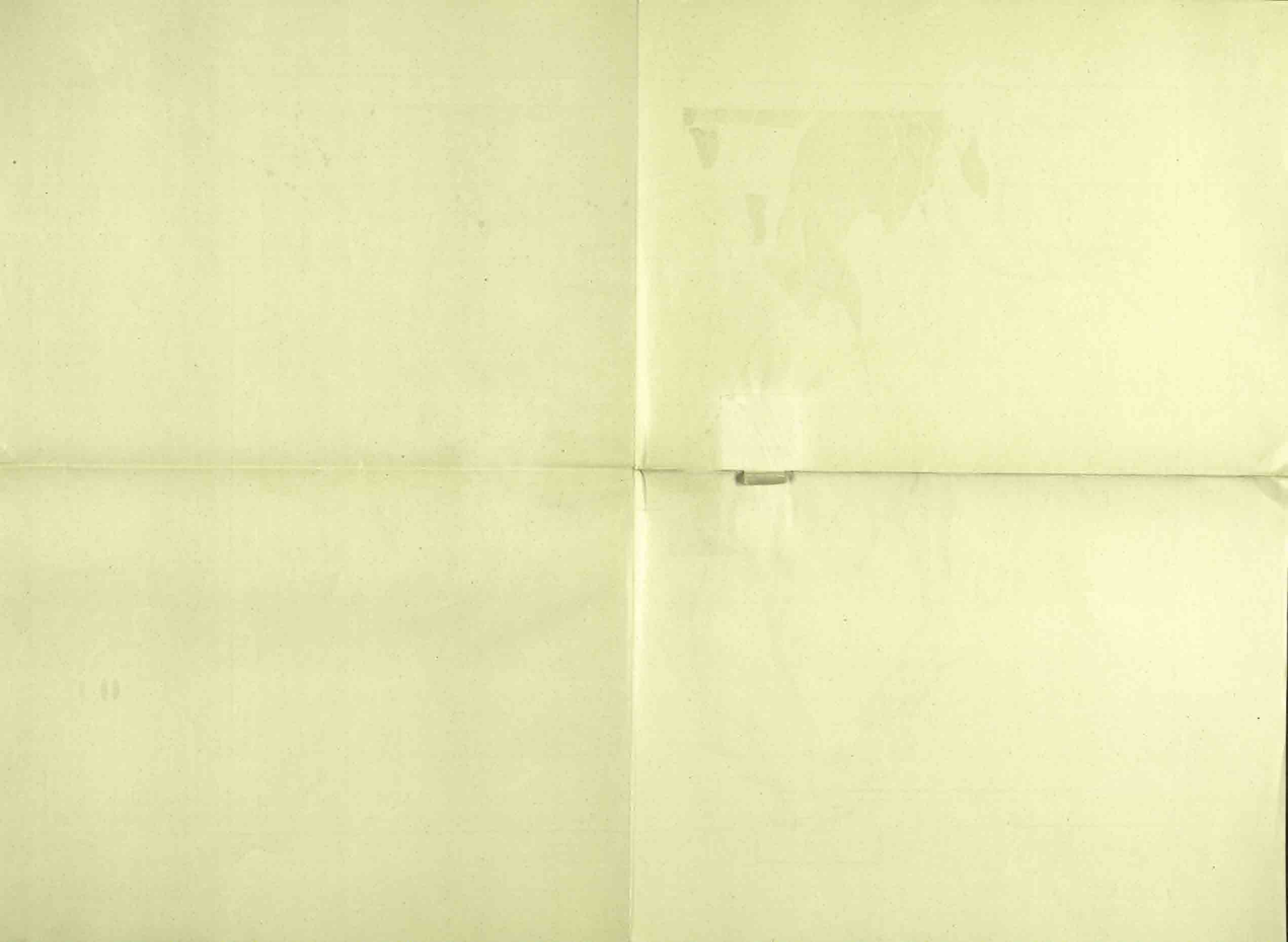
Camps of R. B. Lal Singh in 1913-15

EXPLANATION OF SOME TURKIC AND CHINESE TERMS

Boiuk	Spring	Kul, Kūl	Lake	Paq-izil, Pu-izil	Walled village
Chao	Hill, plateau	Kam	Land	Sar	Desert of stone or gravel
Darya	River	Kyzylak	Bank	Shan (Chin.)	Mountain
Dawla	Pass	Kyzylak	Tower	Tu-shi (Chin.)	Pass
Dong	Hill	Canal, Li	Great mound	Tagh	Mountain
Hu (Chin.)	River	Madr, Mr	Sultan's tomb	Tighrak	Palace
Hija, J	Valley	Miao (Chin.)	Temple	Ussang	Canal
Kasul	Water station, light	Shahar station	Kailash, Zangbo	Grazing ground	

Stress etc. which generally carry water, shown in blue

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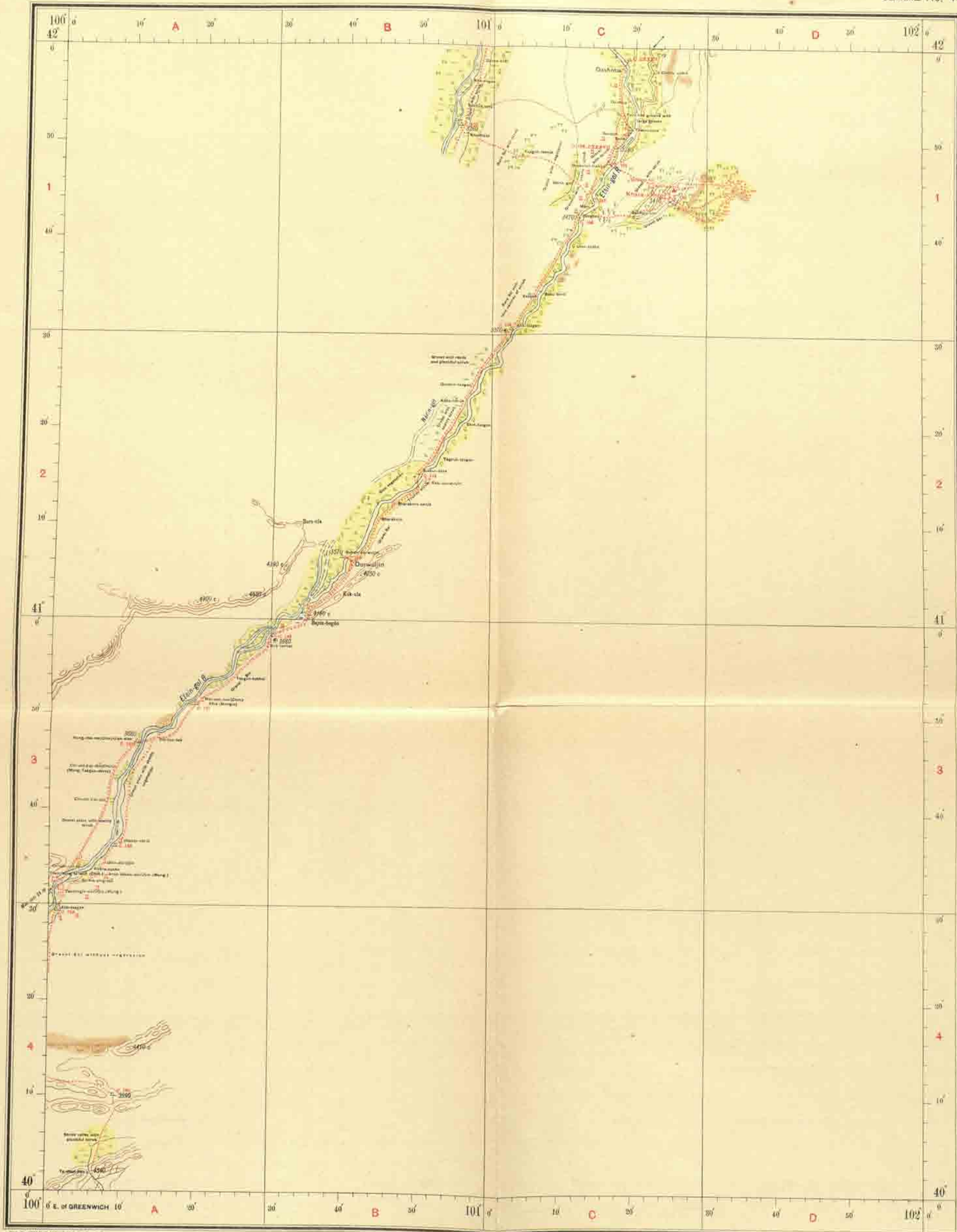


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-47
(CARTE INTERNATIONALE DU MONDE)

ETSIN-GOL

SERIAL No. 45



Scale 1:500,000 or 1:214 inches to 8 Miles
1920
Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor General of India.

Latitude 37° 30' N. Azimuth 51°. Triangulation 51° 30' N.

Heights: by theodolite; by aneroid : 13277 - 13300 c
Heights by barometer or hypsometer : 13270

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Mesa; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tracts with scrub or jungle

Tamarisk bushes: living; dead

Wild poplars (Tograkas): living; dead

Tamarisks: living; dead; Conifers



Index to localities

Index to adjoining sheets

EXPLANATION OF SOME TURK AND CHINESE TERMS

Balk	Spring	Kul	Kul	Lake	Pao-tzu, Pa-tzu	Walled village
Chao	Hill stream	Kum	Sand	Desert of stone or gravel	Sai	Desert of stone or gravel
Darya	River	Kumuk	Ham	Ham	Shay (Chin.)	Mountain
Dawin	Pass	Kurgan	Tower	Ta-fu (Chin.)	Pass	Pass
Dong	Hill	Lungu, Lu	Hill house	Tagh	Mountain	Mountain
He (Chin.)	River	Mazar, Ma	Sun's tomb	Tograk	Poplar	Poplar
Hige, J.	Valley	Muz (Chin.)	Tomolo	Ustang	Camel	Camel
Karsul	Watch station	Ughul	Shepherd station	Yalak, Yalagh	Grazing ground	Grazing ground

Streams etc. which generally contain water are shown in blue

Spring Well, Karé

Main road

Other roads and paths with pass

Telegraph line

Temple: Muhammadan shrine: Sacred tomb

Fort: ancient; recent: Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined: Ruined mound (Stupa)

Ancient site; watch-tower: Caravanserai

Route with camp, 1900-01

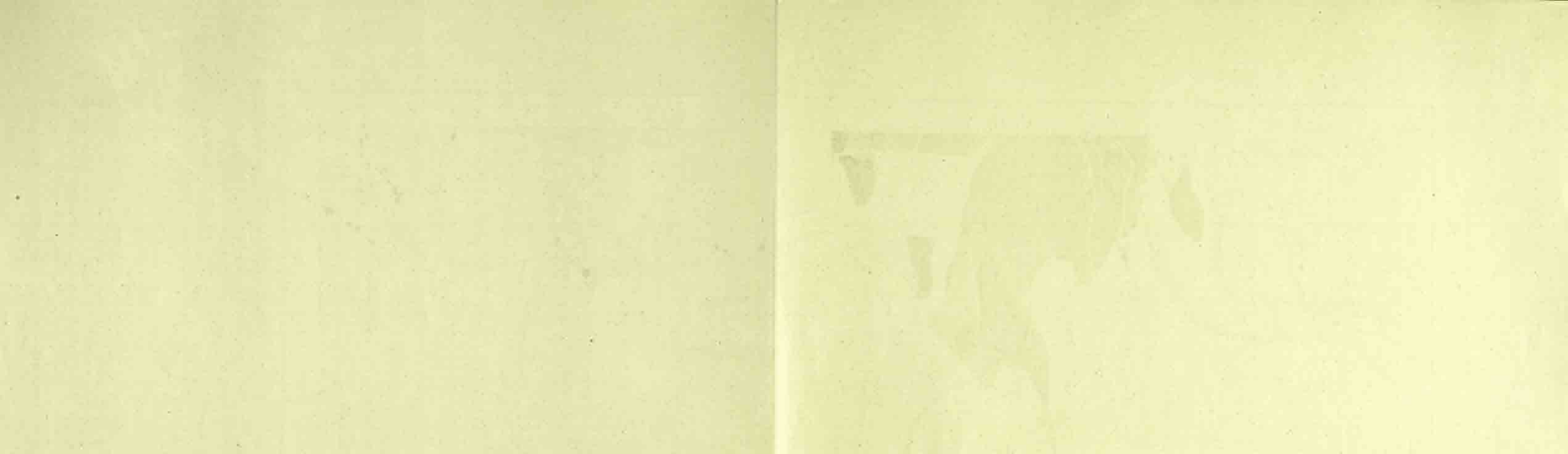
Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Mr. Yakub Khan in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of R. B. Lal Singh in 1913-15

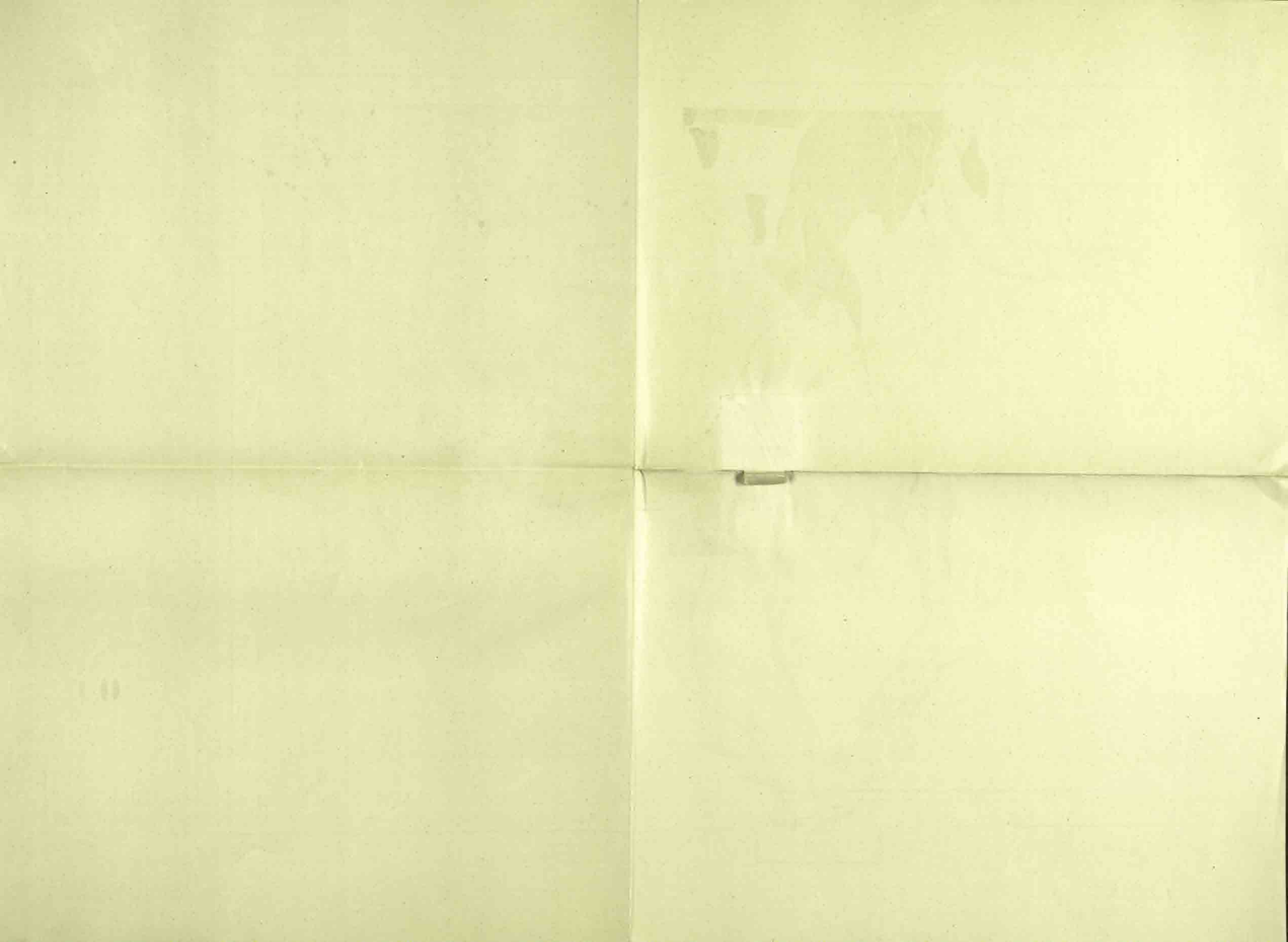


1900-01, 1906-08, 1913-15.

KAN-CHOU

SERIAL No. 46

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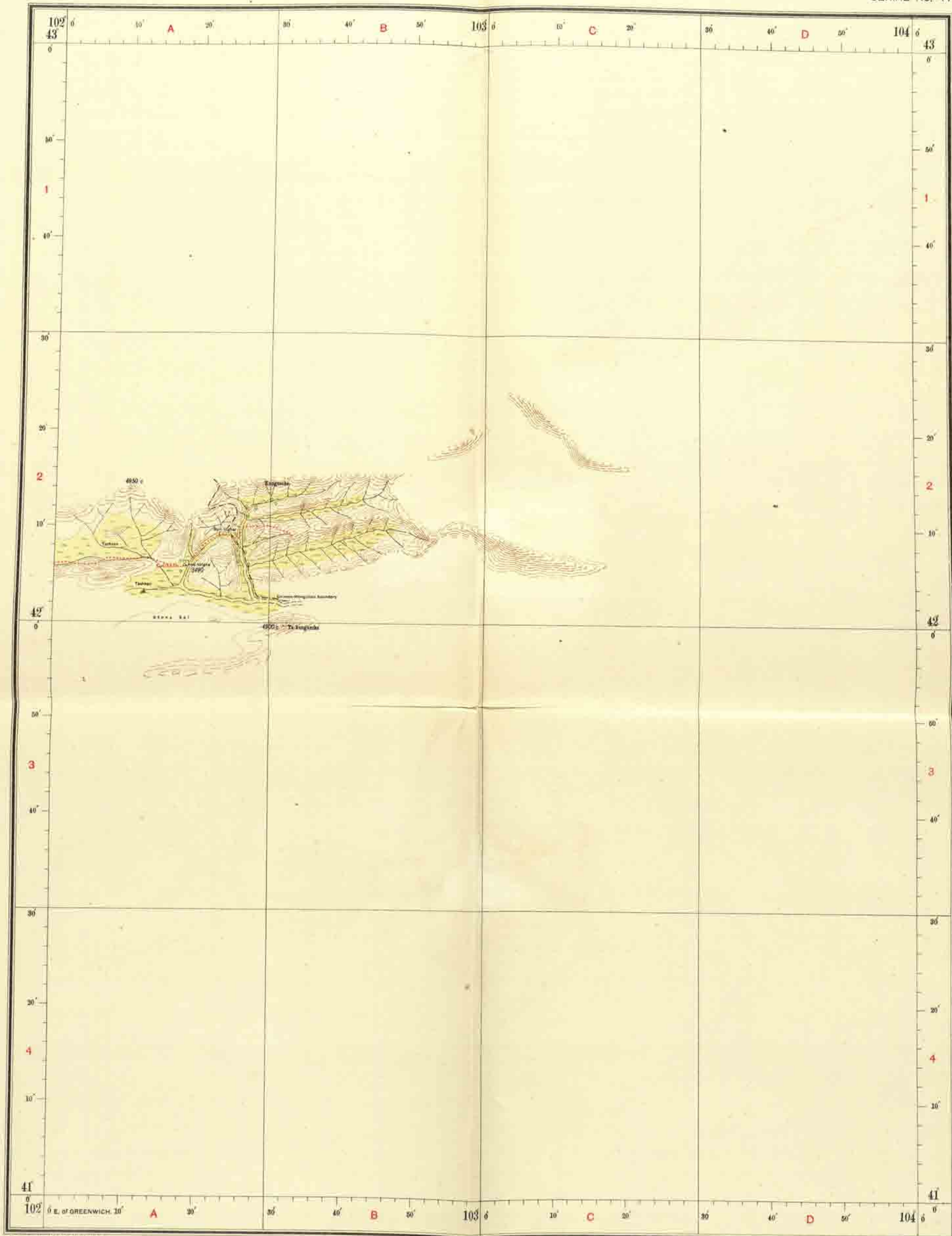


CHINESE TURKISTAN AND KANSU
FROM SURVEYS MADE DURING THE EXPLORATIONS OF
SIR AUREL STEIN, K. C. I. E.,
1900-01, 1906-08, 1913-15.

PART OF SHEET No. N. K-48
(CARTE INTERNATIONALE DU MONDE)

KUNGURCHE

SERIAL No. 47



Pub. No. 100 (S. 2. 25. 1915) (S. 2. 25. 1915)

Latitude Stn. Azimuth Stn. Triangulation Stn.

Heights: by theodolite; by clinometer 13277 13200 c

Heights: by aneroid or hypsometer 13270

Perpetual snow (approximate)

Drift-sand area

Erosion terraces: Meas; Yardang

Hard salt crust

Hard salt-encrusted clay

Soft salt-encrusted clay

Cultivation: unsurveyed

Edges of cultivation, etc., where surveyed

Reeds or low scrub: living; dead

Sandy tract with scrub or jungle

Tamarisk forest: living; dead

Wild poplars (Toghrahs): living; dead

Tamarisks: living; dead. Conifers

Index to localities



Published under the direction of Colonel C. H. D. Ryder, C.I.E., D.S.O., R.E., Surveyor-General of India, 1910

Scale 1: 500,000 or 1: 014 inches to 8 Miles

EXPLANATION OF SOME TURKI AND CHINESE TERMS

Bulak	Spring	Kul, Kul	Lake	P'ao-tzu, Pu-tzu (Chin.)	Walled village
Chap	Hill stream	Kum	Sand	Bai	Desert of stone or gravel
Daryl	River	Kumush	Reeds	Shan (Chin.)	Mountain
Dawan	Pass	Kurgan	Tower	Ta-fan (Chin.)	Pass
Dong	Hill	Langer, Lz	Red house	Tagh	Mountain
Ho (Chin.)	River	Mazar, Ma	Saint's tomb	Yaghrak	Poplar
Jilga, J	Valley	Mine (Chin.)	Temple	Jalang	Canal
Karaul	Watch station	Qghil	Shepherd station	Yalakh, Yalagh	Grazing ground

Streams etc. which generally contain water are shown in blue

Index to adjoining sheets



Spring, Well, Karez

Main road

Other roads and paths with pass

Telegraph line

Temple, Muhammadan shrine. Sacred tomb

Fort: ancient; recent. Mine

Temporarily occupied hut

Frontier wall: ancient; recent

Walled town: extant; ruined. Ruined mound (Stupa)

Ancient site; watch-tower. Cairn

Route with camp, 1900-01

Route with camp, 1906-08

Route with camp, 1913-15

Camps of Sir A. Stein or Md. Yakhya Khan in 1913-15

Camps of Sir A. Stein and Alfred Gui in 1913-15

Camps of H. B. L. Singh in 1913-15

Copies of this map may be obtained on request from the Survey of India Office (Map Section and General Branch), Calcutta, India. One Price.

